ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

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INTRODUCTION

In the 30 years between statehood and 1990, Alaska was dominated by petroleum-driven growth punctuated by a number of boom and bust cycles, each of which has brought the economy to a higher plateau of activity (Figure 1.) Since 1990 the Alaska economy has moved into a period of slower growth because petroleum production—the source of half of state value added—has been in decline. This has been offset in recent years by rapid growth in federal spending for infrastructure and operating programs. This rapid growth will moderate in the years to come. The challenge for the economy will be to foster growth in basic industries such as mining and tourism while at the same time maintaining strength in the oil and gas sector.

But dependence on commodity-producing industries means that cycles in the petroleum, fishing, timber, and mining sectors will continue to generate business cycles at the state and regional levels. The large federal and state government presence in the economy means that political decisions made in Washington and Juneau will continue to exert a strong influence on the economy.

For the state as a whole, the most likely (BASE CASE) rate of wage and salary employment growth, the best measure of the size of the economy, is projected to gradually rise, resulting in a 30-year average (2000 to 2030) of 1.15 percent (Table 1A). This is based on the assumptions of continued competitiveness of Alaska's export industries and successful downsizing of state and local government in response to reduced petroleum revenues. The drag this transition places on the economy is gradually overcome. Growth in real personal income will also be below the historical rate because of slower growth in the number of jobs, the continuing shift toward lower wage industries, and slower growth in government payments to individuals. Population will grow at a faster rate than employment because of the continuing trends of aging of the population and the replacement of nonresidents in the work force with Alaskan residents. The average household size will continue its historical decline so growth in the number of households will exceed that of population.

Unanticipated surprises, such as the discovery of oil at Prudhoe Bay and the Exxon Valdez oil spill, have been an important source of economic growth for Alaska in the past and could contribute to growth in the future as well. In this report we have included, along with the BASE CASE projection, a number of SENSITIVITY CASES. Each SENSITIVITY CASE measures the impact on future economic growth of changing one important assumption underlying the BASE CASE. Most of these important assumptions individually have a modest effect on growth of the economy statewide in the long run. However if several of these important BASE CASE assumptions were to turn out to be too high or too low, the combined effect on long tern economic growth could be substantial. We leave it to the reader to investigate potential high or low case projections based on these SENSITIVITY CASES.

Economic and population growth will be concentrated in South Central Alaska (The Southern Railbelt). In the BASE CASE, the Anchorage and Kenai Peninsula 30 year average wage and salary employment growth rate is 1.1 percent, while in the Matanuska-Susitna Borough it is 3.9 percent. The comparable rate for the rest of the state is only .8 percent. The Anchorage and Matanuska-Susitna Boroughs will continue to become more integrated economically, and an increasing share of the growth in this "Greater Anchorage" region will tend to gravitate to the Matanuska-Susitna Borough. Strength in this region comes from its economic diversification. Anchorage serves as the trade, service, and headquarters center for the state. The Kenai Peninsula Borough is also relatively diversified with oil, fishing, timber, tourism, and government.

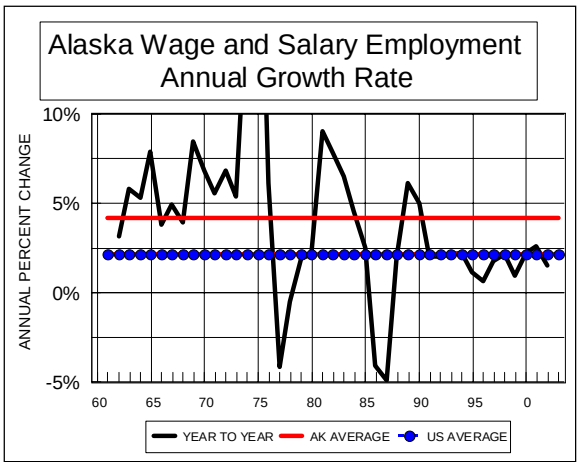
Alaska Wage and Salary Employment
Annual Growth Rate
ANNUAL PERCENT CHANGE
10%
5%
0%
-5%
60
65
70
75
80
85
90
95
0
YEAR TO YEAR
AK AVERAGE
US AVERAGE

TABLE 1A. PROJECTION SUMMARY
2004 BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOY-MENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 03$)	PETROLEUM REVENUES (MILL 03$)
2000	**626.9**	**221.6**	**395.0**	**280.7**	**$20,267**	**$1,470**
2001	**632.7**	226.1	**404.7**	**287.9**	**$21,125**	**$1,140**
2002	**641.5**	229.4	**414.0**	**292.3**	**$21,636**	**$745**
2003	**649.6**	232.9	418.8	296.6	$21,644	$1,976
2004	655.1	235.9	426.6	301.9	$21,603	$2,256
2005	662.1	239.2	434.2	306.0	$22,010	$1,889
2006	673.0	244.1	438.9	309.6	$22,639	$1,648
2007	681.8	248.2	438.9	309.6	$23,003	$1,272
2008	692.1	252.8	441.7	311.8	$23,460	$1,122
2009	695.3	254.9	437.2	308.3	$23,462	$1,085
2010	698.4	256.9	439.1	309.8	$23,580	$1,111
2011	707.8	261.0	445.7	314.8	$23,958	$1,168
2012	719.4	265.9	449.0	317.3	$24,194	$1,208
2013	728.2	269.7	451.0	318.9	$24,358	$1,188
2014	737.6	273.7	455.2	322.1	$24,644	$1,169
2015	748.2	278.1	458.9	324.9	$25,009	$1,148
2016	757.2	281.9	460.6	326.2	$25,119	$1,143
2017	767.1	286.0	465.7	330.1	$25,543	$1,140
2018	779.8	291.0	471.6	334.5	$26,013	$1,138
2019	792.8	296.2	476.8	338.5	$26,439	$1,105
2020	805.2	301.2	482.2	342.6	$26,826	$1,073
2021	818.6	306.5	489.1	347.8	$27,360	$1,043
2022	831.7	311.7	494.4	351.8	$27,693	$1,014
2023	844.3	316.8	501.0	356.8	$28,224	$986
2024	857.9	322.2	508.0	362.1	$28,778	$959
2025	870.7	327.3	513.7	366.3	$29,242	$934
2026	882.6	332.3	519.8	371.0	$29,768	$910
2027	895.5	337.5	527.4	376.6	$30,346	$887
2028	909.5	343.1	535.2	382.5	$30,945	$865
2029	923.9	348.9	543.4	388.6	$31,568	$844
2030	938.8	354.9	552.0	395.0	$32,218	$824

ANNUAL AVERAGE GROWTH RATE

2000-2010	1.09%	1.49%	1.06%	0.99%	1.53%	-2.76%
2010-2020	1.43%	1.60%	0.94%	1.01%	1.30%	-0.35%
2020-2030	1.55%	1.65%	1.36%	1.43%	1.85%	-2.60%
2000-2020	1.26%	1.55%	1.00%	1.00%	1.41%	-1.56%
2000-2030	1.35%	1.58%	1.12%	1.15%	1.56%	-1.91%

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

POPULATION	JULY 1 CENSUS DEFINITION	POP
HOUSEHOLDS	JULY 1 CENSUS DEFINITION	HH
TOTAL EMPLOYMENT	INCLUDES ACTIVE DUTY MILITARY, RESERVISTS, PROPRIETORS, AND MISC	EM99.BEA
WAGE & SALARY EM	ALASKA DEPT OF LABOR DEFINITION	EM97
PERSONAL INCOME	USDC BEA DEFINITION	DF.PIB
PETROLEUM REVENUES	INCLUDES PERMANENT FUND CONTRIBUTION AND WINDFALLS	DF.RP9S

THE BASE CASE PROJECTION

Detailed results for the BASE CASE are presented in an appendix.

THE BASIC SECTORS

For the foreseeable future, the Alaska export base will continue to be dominated by commodity-producing industries combined with tourism, national defense, and the movement of international freight. Relatively high labor costs, sparse and expensive infrastructure, small market size, and distance from markets will continue to act as barriers to the development of significant processing as well as manufacturing and services for export. Petroleum, mining, tourism, and international freight hold the most potential for employment growth. Growth of the timber and seafood industries may result from more intensive exploitation of the resource base, together with the expansion of value-added processing.

Because of this dependence on commodity-producing industries, the Alaska economy will continue to experience localized business cycles as commodity prices respond to world market conditions. Although the existence of these cycles can be expected, their timing cannot be forecast. Consequently our projections have an appearance of smoothness and continuity which contrasts with the past experience of the economy and which is unlikely to be the actual pattern in the future.

Several such cycles have the potential to impact the economy in the coming years. We have included in the BASE CASE slowdowns associated with both declining state petroleum revenues and slowing growth in federal assistance to the state. The cycle associated with construction of a pipeline to bring North Slope gas to market is captured in one of the many SENSITIVITY CASES.

Petroleum. After falling below $10 in the winter of 1998-99, the lower 48 price of a barrel of North Slope Crude rebounded into the $25-$30 range for nearly two years before moving back toward its long term average price. It has recently been moving in the $30 to $50 range however, due to a number of economic and political factors. We assume the price gradually settles back down to a long term average of $22 per barrel in 2008 (2003$). [A higher price is examined in a SENSITIVITY CASE.]

Employment in this sector remains stable, both on the North Slope and in Cook Inlet. The state has recently relaxed regulations on the state royalty rate on marginal oil fields and this will enhance interest in the development of a number of smaller fields on the North Slope, as well as heavy oil fields such as West Sak. Second, exploration continues and new fields continue to be discovered. Third, billions of barrels of oil remain in fields currently producing. The expansion of infrastructure and technological advances will continue to reduce the costs of exploration, development, and production in the future as they have in the past. Future production is expected to decline at a slower rate than in the past and this will continue to sustain a large workforce because of the intensity of development.

Exploration and modest production from the Alaska National Wildlife Refuge is included in the BASE CASE but not the construction of a gas line to carry North Slope natural gas to tidewater or the US Midwest. We assume instead that North Slope gas is converted to a liquid on site and transported through the existing pipeline after 2010. North Slope oil production remains relatively constant at 1 million barrels per day until 2010 and then falls off at 3 percent annually. [Gasline construction is examined in a SENSITIVITY CASE.]

In all cases the Alyeska Pipeline and the processing of petroleum for export continue at the current level of employment. Processing consists of the export of LNG and the manufacture of Urea—activities centered on the Kenai Peninsula, and the refining of a small portion of the crude oil produced in the state at refineries in several locations. [Kenai gas manufacturing is examined in a SENSITIVITY CASE.]

Mining. The mineral potential of Alaska has long been recognized; and the combination of a large base of prospects, growing world demand, and technological advances will result in growth in production even if commodity prices were to remain flat. This is reflected in the current activity level in this industry around the state—in in Southeast, Southwest, Southcentral and Interior Alaska. The development of the Fort Knox and Pogo mines outside Fairbanks reflect this trend.

The general lack of infrastructure—access and power--at most sites, high construction and operating costs at remote sites, and distance from markets, means that only the largest deposits can be successfully developed. Furthermore, they must be able to withstand the price fluctuations experienced in world metal and coal markets due to world business cycles. The Kensington, Donlin Creek, and Pebble prospects, all world scale projects, are currently attempting to address these challenges.

We assume these prospects become producing mines in the coming decade and that other mining activity, unspecified, continues to grow at a rate of 3 percent annually. $). [Mining activity is examined in a SENSITIVITY CASE.]

Forest Products. The closures of the pulp mills in Sitka and Ketchikan as well as the sawmill in Wrangell reflect a retrenchment of this industry that has historically been central to the economic health of Southeast Alaska. Timber harvesting and processing will continue to be an important part of the Southeast Alaska economy albeit at a lower level of employment than in the recent past. On the other hand, there is potential for modest expansion of the harvest from South Central Alaska forests.

In the BASE CASE we assume that employment in harvesting grows 1 percent annually and that a modest wood products manufacturing industry gradually develops in South East Alaska.

Seafood. International competition has negatively impacted the value of Alaska seafood production in recent years, and expansion of the fishing industry is constrained in the long run by the resource base, which is close to full exploitation. Potential for growth exists from further "Alaskanization" of the fishery (harvesting and processing of fish caught in Alaska waters by Alaskans), from adding value to seafood prior to export through additional processing, and from the stimulation of growth in consumer demand for Alaskan products. On the other hand, policies to rationalize seafood harvests could reduce Alaska employment levels while improving efficiency, international competition could continue to reduce the value of Alaska stocks, and competition from sport fishermen and other harvesters could reduce the commercial allocation.

In the BASE CASE, the level of employment in fish harvesting and processing remains constant, reflecting a balance between these factors.

Tourism. The tourism industry will continue to expand as a result of both the growth of demand for tourism in the US and abroad and the increasing market share being drawn to Alaska because of continuing development of the tourism infrastructure in the state.

In the BASE CASE, the index of tourism expenditure growth is 5 percent annually. This index reflects the combined effects of growth in the number of visitors, increased average length of stay, and growing real expenditures per visitor day. In addition, we assume a continuation of construction activity associated with infrastructure development related to tourism. [Tourism activity is examined in a SENSITIVITY CASE.]

International Air Cargo. International air cargo operations continue to expand at the Anchorage International Airport, and some activity is also occurring at Fairbanks. The trans-Pacific market is growing rapidly and Alaska is well positioned to play an important role in this growth.

In the BASE CASE we assume continued expansion through 2010 followed by stable employment.

Military. Military personnel levels are difficult to project due to the conflicting demands of security and the federal budget. In the late 1990s, there was a significant downsizing

of Alaska military bases in Anchorage (Fort Richardson) and Fairbanks (Fort Wainwright) as well as the closure of several other bases in the state at Adak, King Salmon, McGrath, and Delta Junction.

In the near future we expect an expansion of personnel associated primarily with the deployment of a new army brigade. Subsequent to that we expect uniformed military personnel to be constant, and that Alaska will not be impacted by future base closures. [Military activity is examined in a SENSITIVITY CASE.]

Federal Civilian. In spite of some recent reduction in the number of federal employees in Alaska, the federal government presence in the state is likely to increase in the future for several reasons. Federal civilian employment in certain agencies such as the U.S. Postal Service will respond to growth in the population of the state. Other agencies such as the U.S. Department of Interior will experience increasing levels of activity as the demands on federally owned and managed public resources increase.

In the BASE CASE, we assume employment growth at a .25 percent annual rate. The federal cost of living adjustment (COLA) declines from 25 percent to 10 percent during the projection period.

Federal Grants. We assume a gradual tapering off of the level of federal funds for capital construction projects, in such areas as transportation and rural water and sewer, and special operating grants. Thereafter they resume their growth with population and the price level. [Federal grant activity is examined in a SENSITIVITY CASE.]

Federal Procurement. We assume the current high level of federal procurement spending for military and civilian activities in the state continues through 2010 and thereafter tapers off.

Basic Income. As the Alaska population ages, income from dividends-interest-rent will account for an increasing share of total personal income. We assume real per capita dividend-interest-rent grows .5 percent annually.

Federal transfers to individuals, primarily Medicaid and Medicare grow with population and real income.

The final resolution of the Exxon Valdez oil spill lawsuit is assumed to occur between 2006 and 2015. Although the court settlement was for about $5 billion, the amount which it will ultimately add to Alaskans' incomes is unknown since the decision is under appeal and the residences of all recipients is not known. We estimate final resolution will pump $2 billion into the economy in the BASE CASE.

Petroleum Rents. The Permanent Fund dividend has contributed to growth of the economy like any other basic industry. Its influence will decline in future years as a portion of the earnings of the Permanent Fund, including part of the share now allocated to the dividend, is appropriated to cover the necessary expenses of state government.

Agriculture. Agriculture in Alaska currently primarily serves the local market with an insignificant share destined for export from the state. We assume that employment in this sector grows 2 percent per year.

Other Manufacturing. Other basic sector activity that has not been explicitly identified in the projection is assumed to grow with the growth in the overall economy. Growth in manufacturing for export, excluding fish processing, timber harvesting and processing, and petroleum processing, is currently insignificant and projected to remain so.

THE NATIONAL ECONOMY AND POLITICS

Trends in the national economy have an important influence on the growth of the Alaska economy. First, a large portion of the exports of the state are sold in the lower 48, so the strength of Alaska export industries, particularly tourism, depends upon the general health of the US economy. Second, the growth in real wage rates at the national level, which is driven by productivity increases, directly influences growth in real wages in Alaska. If real wages grow nationally, Alaska real wages will also grow to maintain parity. Higher real wages in turn contribute to growing purchasing power for

Alaskan consumers. Third, unemployment in the rest of the nation influences the size of the labor force in Alaska. Higher national rates of unemployment cause more people to consider Alaska as a place to look for work. Finally, the size of the federal budget has an important influence on the Alaska economy since Alaska receives more in federal expenditures per capita than any other state.

The national economy is currently in the midst of a recession of unknown length and magnitude that is having several effects on the Alaska economy. First, it weakens demand for some Alaskan products, particularly tourism opportunities within the state. Second, it results in population growth as unemployed workers from other parts of the country look for work in Alaska. Third, weakness in the stock market may reduce consumer spending. Finally, the low interest rate has stimulated consumer spending and business investment in the state.

We assume that the growth of the national economy will eventually return to its long-term trend values and that the Alaska economy will adjust in response to these changes. Consumer spending and investment will recover. The unemployment rate, interest rate, and inflation rate will all return to their historical levels. Productivity growth will return to its long term trend, and with it, the growth in real average weekly earnings. [Productivity growth is examined in a SENSITIVITY CASE.]

Because of the large military and federal civilian work forces, the large share of federally owned and managed natural resources, the large Native American population, and the fact that Alaska has only recently become a state, the federal government will continue to play an important role in the Alaska economy. In general, we assume no major departures from current policies in these and other areas, such as the legal structure of the Alaska Native Corporations and the by-pass mail system of the U.S. Post Office, which provides subsidized freight service to rural Alaska.

STATE FISCAL POLICY

Petroleum Revenues. About 85 percent of state general fund revenues come from current or former year petroleum related activities. State petroleum revenues are based upon the price of oil, production, and the tax and ownership regime. Although we project that the price will be constant in real dollars in the long run, experience shows that it is quite volatile in the short term, resulting in fluctuations in petroleum revenues of hundreds of millions of dollars from year to year in spite of relatively constant levels of production. Over the long term, production is projected to continue the decline that began in 1989. We use the Alaska Department of Revenue projections of production in the near term and, since these projections have tended to be conservative in the past, in the longer term use a decline rate consistent with the historical trend.

As exploration and production move outward from the central Prudhoe Bay facility, the wellhead price, upon which royalty and tax payments are based, will fall. Exploration and development will tend to become concentrated on smaller fields. This will reduce the severance tax per barrel that is based on field size and average well productivity. Finally a smaller share of production will come from lands owned by the state. This will reduce the state revenue yield per barrel produced because of the need to share any revenues with the federal government or private landowners.

State tax and royalty rates have changed numerous times in the past, but we assume no changes in the future that would significantly change effective rates. Federal policy also influences state petroleum revenues. We assume no change in federal policy impacting state petroleum revenues except the opening of ANWR to exploration.

In the BASE CASE, total state petroleum revenues fall from $2.0 billion in 2003 (a year of high oil prices) to $1.1 billion in 2010 (2003$), $1.1 billion in 2020, and $.8 billion in 2030.

In addition to taxes and royalties on current production, the state received several hundred million dollars annually through most of the 1990s from the settlement of various disputes with the oil companies over the valuation of petroleum for calculating tax liability and royalty payments. This backlog of outstanding disputes has been greatly reduced, and the state has now

accumulated a cash reserve of several billion dollars in the Constitutional Budget Reserve (CBR) account. We assume future annual contributions to this fund are $20 million. This balance is being gradually expended to cover annual deficits in the state general fund budget, and the balance is currently projected to be gone in 2007.

Non-Petroleum Revenues. Non-petroleum revenues account for about 15 percent of state general fund expenditures. Alaska has neither a state personal income tax nor a statewide general sales tax. Taxes, primarily the corporate income tax, fuel taxes, seafood taxes, and excise taxes on insurance and utilities, account for about half of non-petroleum revenues. The remainder consists of licenses, charges, investment earnings, and miscellaneous.

Total State Expenditures. In addition to the general fund, the state budget includes expenditures out of Permanent Fund earnings (currently the dividend), expenditures of federal funds, and "off budget" items that are self financing such as the International Airports. Taken all together the budget of the state is about $7 billion, making it one of the most important factors in the economy.

Alaska Permanent Fund. The Alaska Permanent Fund has a balance of about $24 billion (including the earnings reserve and unrealized capital gains). Its future growth in real terms will come from contributions of a share of state royalties from petroleum and other resources and from any reinvestment of earnings in excess of the amount required to maintain the purchasing power of the fund balance through deposits known as "inflation proofing." Although the Legislature has also made special appropriations to the Fund in the past, we do not expect that practice to continue.

Because of its size, the annual earnings of the Fund now constitute the largest source of income for state government and the Fund will be the centerpiece of any strategy to mitigate the effects of declining petroleum revenues. We assume a continuation of the conservative investment policy of the Fund and a stable 4.5 percent annual return after inflation in the BASE CASE.

"Fiscal Gap" Strategy. Since revenues from petroleum production account for 85 percent of the state general fund revenues and about 1-in-3 jobs in Alaska can be traced to state government spending, the decline in petroleum production which began in 1989 will continue to have a major impact on the economy. The relatively small contribution to state value added from our other resource industries precludes the possibility that revenues from these industries could successfully fill the void left by declining petroleum revenues. Whereas in the past increasing state expenditures fueled by expanding petroleum revenues contributed significantly to economic growth, the loss of petroleum revenues has for several years caused a "fiscal drag" on the economy.

We can describe the ways in which the loss of petroleum revenues will impact the economy only in very general terms because it is difficult to predict with any precision either the amount of petroleum revenues that will be available to government during the coming years or the adjustment policies which state and local governments will adopt to deal with declining revenues. Up to now, the main response has been to try to minimize growth in the state operating budget and utilize cash reserves to balance the budget. However, the need for more comprehensive adjustments will become necessary at some point in the future.

These measures form a fiscal package with six elements, three of which have already been initiated.

First, although state general fund appropriations, including local government transfers, continue to grow in relation to population and the price level, they fall in real per capita terms as the availability of revenues decreases.

Second, the cash balances in the Constitutional Budget Reserve (CBR) are used to balance the budget.

Third, as the CBR balance falls, the cost of living adjustment normally built into public sector wage rate contracts is eliminated for a period to allow real wage rates in the public sector to adjust downward.

Since these measures alone will be insufficient to balance the state budget at a level that provides a reasonable level of public services, three additional measures will become necessary.

First the available earnings of the Permanent Fund are transferred each year as necessary to support general fund appropriations. In no case is the corpus of the fund, currently protected by the Constitution, used to pay for government.

Second, the formula used to determine the Permanent Fund Dividend, paid to all Alaska residents, is revised. The amount allocated to the Dividend account becomes the residual real earnings of the Permanent Fund after the appropriation to the General Fund.

Third, the personal income tax is restored at rates that approximates those in place before the tax was eliminated in 1980.

The combined effect of these fiscal measures is to cushion the state economy from the full effects of the reduction in petroleum revenues. Employment in government stabilizes and the importance of public spending for the economy declines.

State government spending—operations, capital expenditures, transfers to local governments, transfers to individuals, loans to business and individuals—no longer contributes to economic growth as was the case in the past. For example, the restoration of the personal income tax and the reduction of the Dividend, actions designed to maintain the purchasing power of government, reduce the purchasing power of households by a somewhat smaller amount.

Local government is also a large employer and is heavily dependent on state transfers to support its programs. The declining ability of state government to finance its budget will limit the ability of local government to expand services and will force local government to look for new sources of revenue as well.

There is no assurance that state government will respond to declining petroleum revenues in the way described here, particularly with regard to the timing of events. There is a tendency in representative government to postpone the politically painful decisions associated with budget reductions until a crisis arises. However, there are examples from the past, such as the special contributions to the Permanent Fund in the 1980s, which demonstrate that Alaskans have successfully implemented policies that balance future public sector needs against pressing present demands. Thus, our assumption that the state will be successful in managing its fiscal future is at least partially supported by past experience.

One important implication of this set of fiscal assumptions is the continued growth of the Permanent Fund at the same time that there is a decline in government expenditures and the Permanent Fund Dividend. Its continued existence provides an important source of income to Alaska and Alaskans, but it is possible that the Permanent Fund would not survive the painful transition which declining revenues might impose. “Cashing out" of the Fund in the short run would eliminate it as a source of income in the longer term, and this would have significant consequences for any economic projection—providing a temporary stimulus to the economy as long as Permanent Fund-supported government spending were available, but followed by a severe economic slump.

INFRASTRUCTURE AND SUPPORT

Employment in infrastructure (transportation, communications, utilities, and construction) and support (trade, services, and finance), will initially grow more slowly than in the past as the economy adjusts to the realities of life after Prudhoe Bay. Later in the projection period growth will accelerate in response both to increases in basic sector business activity and household purchasing power. As in the national economy, the continuing shift toward an economy dominated by the provision of services will be in evidence in Alaska.

Expansion of infrastructure and support has progressed at a very rapid pace since statehood in response to maturation of the Alaska economy. At the time of statehood, there was very little business infrastructure to support the

commodity-producing industries (including the military) or to provide services to Alaskan households. Since then growth in the infrastructure and support industries of the state has transformed the structure of the economy, at least in urban Alaska, from a "frontier" to one typical of many parts of the rest of the nation. Although not yet complete, this maturation process has largely run its course and growth of these sectors in the future will occur at a rate which more closely parallels that of basic sector activity. Nevertheless the majority of new jobs added to the economy in the next 25 years will be in the support sector of the economy.

TOTAL EMPLOYMENT GROWTH

Employment growth will be slower in the earlier years of the projection, averaging just 1 percent annually during the next two decades, and increase to 1.4 percent thereafter. This pattern is a direct result of the assumptions of basic sector and fiscal activity. Modest expansion in support sector activity will offset the fiscal drag on the economy from declining petroleum revenues. Total basic employment will expand slowly, infrastructure employment will be stable, support employment will experience the most rapid growth, and pressure to contract will continue for state and local government. When state and local government get on a sustainable fiscal trajectory, the fiscal drag will disappear and growth will be driven by expansion of the economic base.

POPULATION AND HOUSEHOLDS

State population and household growth generally track that of employment since people tend to migrate in pursuit of jobs. The availability of jobs will continue to be the primary but not only determinant of population in the state. A smaller share of jobs than historically will go to nonresidents in future years. An increasing proportion of the population will either be too young or too old to be in the labor market.

Most significantly the share of the population over aged 65 will increase from 6.5 percent to nearly 14 percent by 2030. It will be the fastest growing part of the population. [Retiree population is examined in a SENSITIVITY CASE.]

The labor force participation rate for Alaska has historically been above the national average, not because Alaskans of a particular age and sex are more likely to work but because of a concentration of the population in those age groups that have a high percentage of people employed or looking for work.

In future years the Alaska labor force participation rate will be influenced by two factors which will have opposite effects on the rate. First, the aging of the population will move a larger share of the population into older age cohorts, which have lower labor force participation rates. Second, the age-specific labor force participation rates of females will continue to rise in concert with national rates. We assume the first of these factors will dominate and the labor force participation rate will decline very slowly. At the same time the dependency ratio, (children+seniors)/adults, will fall.

Natural increase (births minus deaths) will continue to add between 8 and 9 thousand people to the population each year. A large number of younger Alaskans will be entering the labor market in the early part of the projection and this will be more than sufficient to fully supply that labor market in the early years, resulting in net out-migration in some years. Later the number of young adults entering the market will fall, and Alaska will experience net in-migration in order to fill the new jobs being added to the economy.

The average household size has been declining in Alaska as it has in the rest of the nation due to the increase in the proportion of single-parent households, non-related adult households, and elderly households. In addition, Native household size has declined substantially, partly in response to increased availability of housing and higher incomes. This has resulted in more rapid growth in the number of households than population. We assume, consistent with national expectations, that average household size will continue to decline, but at a much slower rate than in the past.

WAGES AND PERSONAL INCOME

The real average annual civilian wage (adjusted for inflation), which grew rapidly in the 1960s and at a slower rate in the 1970s, fell during the 1980s and 1990s. This reflects a shift in employment toward lower wage industries and downward pressure on wage rates from slower growth in employment opportunities. This is partly a reflection of the state recession in mid-1980s, partly due to structural change in the Alaska economy, and partly the result of changes occurring in the national economy. The real average annual civilian wage is projected to grow at an annual average rate of .4 percent, reflecting the future mix of jobs and growth in productivity in the national economy, the later which translates into upward pressure on the real wage.

Historically, the vast majority of personal income in Alaska has come directly from wage and salary payments. This made household purchasing power very sensitive to fluctuations in basic industry activity. More recently however a larger share of income has come from non-wage sources (transfers as well as dividends, interest, and rent). This reflects both the growth of numerous government income transfers to individuals (like the Permanent Fund dividend) that support household spending, and the aging of the population. An older population has more opportunity to acquire assets that generate income independent of wages, and also has income from pensions and other retirement accounts. Furthermore an older population will draw more heavily on the Medicare and Medicaid programs.

Income from non-wage sources is expected to continue to grow, albeit at a slower pace than historically, particularly transfers. Permanent Fund Dividends and federal entitlements such as Medicaid and Medicare will account for most of the growth.

In spite of growth in the real wage, transfers, and other sources of income, the real per capita income of Alaskans will only grow at .2 percent annually. Because of the reimposition of the personal income tax, real per capita disposable personal income will remain essentially unchanged over the projection period.

PRICES

The price level in Anchorage is about 12 percent above the national average. This is down from 46 percent above in 1961, 34 percent in 1970, and 29 percent in 1980. The downward trend in the cost of living differential is attributable to an increase in market size in the state that results in competition in consumer and labor markets and economies of scale. These trends are expected to continue, albeit at a slower rate so that the price level in Anchorage will move closer to, but not fall to, the national average. In the BASE CASE the differential is projected to fall to 6 percent by 2030.

Because the price level is expected to move marginally closer to the national average, inflation will closely track the national average as well.

STATEWIDE SUMMARY

In summary employment growth will be driven by the continued development of the natural resources of the state with modest increases in value added from processing of those commodities. The rate of employment growth will be considerably below the historical average because of the deceleration of growth of support sector activities and the realignment of the public sector. Growth is characterized as occurring at a relatively smooth rate, but it is likely to continue to be punctuated by cycles of more rapid and slower growth due to the dependence of the economy on commodity production and the uncertainty about how "fiscal drag" will manifest itself.

Strong construction seasons, the movement of several large retailers into the Alaska market, growth in services (in particular, tourism and health services), a boom in mining, growth in the Permanent Fund dividend, expansion of the air cargo industry, and growth in federal grants have generated most of the employment growth during the last several years.

Economic growth will be slow in the near term as the state wrestles with the “fiscal gap” and the growth in federal spending in Alaska slows down.

ANCHORAGE

The growth rates for employment, population, and households in Anchorage parallel those of the state because Anchorage represents a large portion of the state economy and its economic base is the most diversified in the state. In addition Anchorage is the center for most of the support services provided both to businesses and households throughout much of Alaska. Consequently Anchorage is impacted by developments occurring in virtually every part of the state.

The important activities that support the economy include: Petroleum—headquarters for development and production on the North Slope and Cook Inlet in the Kenai Peninsula Borough, as well as home for many of the workers on the North Slope. Military—two military bases (Elmendorf Air force Base and Fort Richardson Army Base) with several thousand active duty personnel. Federal Government—the Department of Interior provides management of the 60 percent of Alaska lands owned by the Federal Government and the Department of Defense supports military operations. Tourism and Air Transportation—Anchorage hosts two-thirds of the 1.2 million tourists who visit the state annually and the International Airport services both passenger and air freight traffic between the United States, Europe, and the Far East. Commercial Center—54 percent of trade receipts and 69 percent of service receipts flow through Anchorage businesses, and Anchorage serves as headquarters for most banks as well as being the transportation and construction center for much of the state. State Government— supported largely by petroleum revenues, state government is an important employer in Alaska, and Anchorage has the largest concentration of state employees.

Anchorage residents enjoy a high per capita income and a high mean household income. Factors contributing to the high overall income include the high average wages in several important industries such as petroleum and construction, a relatively high proportion of professional and technical jobs, a relatively small population over 65, and a high labor force participation rate. Purchasing power is enhanced by the absence of state or local income or sales taxes and the annual Permanent Fund dividend each resident receives from the state.

Although the cost of living in Anchorage has historically been higher than in the rest of the country, that is only a partial explanation of the higher wages and incomes. Furthermore the cost of living differential has narrowed considerably in recent years with improved transportation, increased population, larger markets, and other factors.

The Anchorage population has nearly tripled since Alaska became a state in 1959. In the process Anchorage has been transformed from a frontier town into a modern city. The petroleum industry has supplanted the military as the dominant basic industry in the community. Together with specific government policies fostering the development of the Alaska economy this has led both to growth in household income and population stability. Trade, services, and finance support industries have grown enormously as Anchorage has gradually replaced Seattle as the supply center for much of Alaska.

MATANUSKA-SUSITNA BOROUGH

The Matanuska-Susitna Borough economy has become closely linked to the Anchorage economy as over the years better road connections have transformed large parts of the Matanuska-Susitna Borough into a suburb of Anchorage. The Borough will continue to evolve as a part of the greater Anchorage economy and will grow with Anchorage since it has a relatively small economic base of its own consisting of mining, timber, and tourism. But because it is on the periphery of the greater Anchorage economy, change in the Borough will be more pronounced than for Anchorage. Consequently, the rate of growth in the Borough will be faster than for the state or for Anchorage when the economy is expanding and may lag when the state economy is stagnant.

Employment in the Matanuska-Susitna Borough will grow on average 3.9 percent per year, and population will grow at 3.3 percent. As a result the Borough will account for an increasing share of total jobs and income in the "Greater Anchorage" region as time passes.

[Population shift within Greater Anchorage is examined in a SENSITIVITY CASE.] The relative growth rates of jobs and population in the "Greater Anchorage" region is sensitive to the transportation links connecting its various parts. [A Knik Arm Crossing Bridge is examined in a SENSITIVITY CASE.]

Wage and salary jobs in the Matanuska-Susitna Borough are largely in trade and services in support of resident households. A large share of the economic base is provided by thousands of daily commuters to Anchorage and residents working at other jobs sites around the state.

KENAI PENINSULA BOROUGH

The economy of the Kenai Peninsula Borough is relatively diverse with significant levels of activity in the production and processing of petroleum, commercial fishing, and timber. In addition the Borough is a center for tourism, state government facilities, and regional transportation. This base will provide stability to the economy and growth rates will mirror those of the state and Anchorage. The Borough will continue to rely on Anchorage for the provision of many support services.

The wage and salary jobs in the Kenai Peninsula Borough are based primarily on the activities of the petroleum, fishing, and tourism industries. The transportation links to Anchorage do not allow commuting on a daily basis.

SENSITIVITY CASES

For each SENSITIVITY CASE the projection model was run with one assumption changed from the BASE CASE. The 11 SENSITIVITY CASES are summarized in Table 2, and detail regarding the assumptions and results for each case are reported in the appendixes. In Table 2 we report the results for statewide employment as well as population in each of the regions of the Southern Railbelt. We report the level and annual growth rate for benchmark years as well as the difference and percent difference from the BASE CASE.

The SENSITIVITY CASES are "generic" in that they attempt to characterize in a general way what the impact of a particular event or assumption would be on the BASE CASE projection. Clearly, however, there is a multitude of different possible ways that each of the assumptions examined in the SENSITIVITY CASE analysis could impact the BASE CASE.

Because of the interactions of model variables, the impacts of the SENSITIVITY CASES are not strictly additive, but one can get a good sense of the order of magnitude of combined events by adding their individual impacts. Likewise the SENSITIVITY CASES are not strictly symmetrical. For example, the impact of tourism expansion slower than the BASE CASE would not be precisely the mirror image of the impact of faster than BASE CASE expansion. However, again one can get a sense of the order of magnitude of the impact if the assumption were reversed.

TABLE 2. PART A. MAP MODEL PROJECTION SENSITIVITY ANALYSIS

TOTAL STATE EMPLOYMENT (000)	LEVEL				AVERAGE ANNUAL GROWTH RATE		
	2000	2010	2020	2030	2010	2020	2030
Base Case	395.0	439.1	482.2	552	1.1%	0.9%	1.4%
1 Kenai Gas Manufacturing Shutdown		438.1	480	549.5	1.0%	0.9%	1.4%
2 High Federal Spending		463.2	505.8	576.7	1.6%	0.9%	1.3%
3 Rapid Tourism Expansion		441.8	493	574.8	1.1%	1.1%	1.5%
4 High Oil Revenues		441.8	495.5	556.6	1.1%	1.2%	1.2%
5 Population Shift Toward Matsu		439.1	482.2	552	1.1%	0.9%	1.4%
6 Rapid Retiree Growth		440.8	489.8	566.9	1.1%	1.1%	1.5%
7 Slow Growth of US Productivity		436.7	468.3	516.8	1.0%	0.7%	1.0%
8 Rapid Mining Sector Growth		439.8	486.5	561.6	1.1%	1.0%	1.4%
9 AK Highway Gas Line		440.5	491	558.2	1.1%	1.1%	1.3%
10 Military Base Closure		435.3	451.2	519.8	1.0%	0.4%	1.4%
11 Knik Arm Crossing		442.5	482.1	551.8	1.1%	0.9%	1.4%
Difference from Base Case							
1 Kenai Gas Manufacturing Shutdown		-1.0	-2.2	-2.5	-0.0%	-0.0%	0.0%
2 High Federal Spending		24.1	23.6	24.7	0.5%	-0.1%	-0.0%
3 Rapid Tourism Expansion		2.7	10.8	22.8	0.1%	0.2%	0.2%
4 High Oil Revenues		2.7	13.3	4.6	0.1%	0.2%	-0.2%
5 Population Shift Toward Matsu		0.0	0.0	0.0	0.0%	0.0%	0.0%
6 Rapid Retiree Growth		1.7	7.6	14.9	0.0%	0.1%	0.1%
7 Slow Growth of US Productivity		-2.4	-13.9	-35.2	-0.1%	-0.2%	-0.4%
8 Rapid Mining Sector Growth		0.7	4.3	9.6	0.0%	0.1%	0.1%
9 AK Highway Gas Line		1.4	8.8	6.2	0.0%	0.2%	-0.1%
10 Military Base Closure		-3.8	-31.0	-32.2	-0.1%	-0.6%	0.1%
11 Knik Arm Crossing		3.4	-0.1	-0.2	0.1%	-0.1%	-0.0%
Percent Difference from Base Case							
1 Kenai Gas Manufacturing Shutdown		-0.23%	-0.46%	-0.45%	-2.2%	-2.5%	0.0%
2 High Federal Spending		5.50%	4.90%	4.50%	33.7%	-6.5%	-3.1%
3 Rapid Tourism Expansion		0.61%	2.19%	3.97%	5.5%	14.7%	12.0%
4 High Oil Revenues		0.61%	2.68%	0.83%	5.5%	18.5%	-16.4%
5 Population Shift Toward Matsu		0.00%	0.00%	0.00%	0.0%	0.0%	0.0%
6 Rapid Retiree Growth		0.39%	1.55%	2.63%	3.5%	11.2%	7.6%
7 Slow Growth of US Productivity		-0.55%	-2.97%	-6.81%	-5.5%	-34.2%	-37.4%
8 Rapid Mining Sector Growth		0.16%	0.88%	1.71%	1.5%	7.3%	5.9%
9 AK Highway Gas Line		0.32%	1.79%	1.11%	2.9%	13.8%	-5.4%
10 Military Base Closure		-0.87%	-6.87%	-6.19%	-9.0%	-161.7%	4.5%
11 Knik Arm Crossing		0.77%	-0.02%	-0.04%	6.8%	-9.3%	-0.1%

TABLE 2. PART B. MAP MODEL PROJECTION SENSITIVITY ANALYSIS

ANCHORAGE POPULATION (000)	LEVEL				AVERAGE ANNUAL GROWTH RATE		
	2000	2010	2020	2030	2010	2020	2030
Base Case	260.3	293.6	329.6	373.3	1.2%	1.2%	1.3%
1 Kenai Gas Manufacturing Shutdown		293.8	329	372.6	1.2%	1.1%	1.3%
2 High Federal Spending		311.3	346.2	391.6	1.8%	1.1%	1.2%
3 Rapid Tourism Expansion		295.1	335.3	384.3	1.3%	1.3%	1.4%
4 High Oil Revenues		295.1	338.8	376.8	1.3%	1.4%	1.1%
5 Population Shift Toward Matsu		290.4	317.9	349	1.1%	0.9%	0.9%
6 Rapid Retiree Growth		295.9	338.8	389.4	1.3%	1.4%	1.4%
7 Slow Growth of US Productivity		291.9	319.6	349.4	1.2%	0.9%	0.9%
8 Rapid Mining Sector Growth		293.9	332.6	379.9	1.2%	1.2%	1.3%
9 AK Highway Gas Line		294.3	334.5	377.1	1.2%	1.3%	1.2%
10 Military Base Closure		291.6	301.5	343.7	1.1%	0.3%	1.3%
11 Knik Arm Crossing		294.3	319.3	344.1	1.2%	0.8%	0.8%
Difference from Base Case							
1 Kenai Gas Manufacturing Shutdown		0.2	-0.6	-0.7	0.0%	-0.0%	-0.0%
2 High Federal Spending		17.7	16.6	18.3	0.6%	-0.1%	-0.0%
3 Rapid Tourism Expansion		1.5	5.7	11.0	0.1%	0.1%	0.1%
4 High Oil Revenues		1.5	9.2	3.5	0.1%	0.2%	-0.2%
5 Population Shift Toward Matsu		-3.2	-11.7	-24.3	-0.1%	-0.3%	-0.3%
6 Rapid Retiree Growth		2.3	9.2	16.1	0.1%	0.2%	0.1%
7 Slow Growth of US Productivity		-1.7	-10.0	-23.9	-0.1%	-0.3%	-0.4%
8 Rapid Mining Sector Growth		0.3	3.0	6.6	0.0%	0.1%	0.1%
9 AK Highway Gas Line		0.7	4.9	3.8	0.0%	0.1%	-0.0%
10 Military Base Closure		-2.0	-28.1	-29.6	-0.1%	-0.8%	0.1%
11 Knik Arm Crossing		0.7	-10.3	-29.2	0.0%	-0.3%	-0.5%
Percent Difference from Base Case							
1 Kenai Gas Manufacturing Shutdown		0.07%	-0.18%	-0.19%	0.6%	-2.2%	-0.0%
2 High Federal Spending		5.69%	4.79%	4.67%	32.9%	-8.9%	-1.0%
3 Rapid Tourism Expansion		0.51%	1.70%	2.86%	4.1%	9.5%	8.8%
4 High Oil Revenues		0.51%	2.72%	0.93%	4.1%	16.3%	-17.2%
5 Population Shift Toward Matsu		-1.10%	-3.68%	-6.96%	-10.1%	-28.0%	-33.6%
6 Rapid Retiree Growth		0.78%	2.72%	4.13%	6.1%	14.7%	10.6%
7 Slow Growth of US Productivity		-0.58%	-3.13%	-6.84%	-5.1%	-27.7%	-39.9%
8 Rapid Mining Sector Growth		0.10%	0.90%	1.74%	0.8%	6.5%	6.4%
9 AK Highway Gas Line		0.24%	1.46%	1.01%	2.0%	9.7%	-3.9%
10 Military Base Closure		-0.69%	-9.32%	-8.61%	-6.1%	-247.9%	5.0%
11 Knik Arm Crossing		0.24%	-3.23%	-8.49%	2.0%	-42.1%	-66.9%

TABLE 2. PART C. MAP MODEL PROJECTION SENSITIVITY ANALYSIS

MATSU POPULATON (000)	LEVEL				AVERAGE ANNUAL GROWTH RATE		
	2000	2010	2020	2030	2010	2020	2030
Base Case	59.3	84.2	113.7	156.3	3.6%	3.0%	3.2%
1 Kenai Gas Manufacturing Shutdown		84.3	113.7	156.3	3.6%	3.0%	3.2%
2 High Federal Spending		88.1	116.8	160.7	4.0%	2.9%	3.2%
3 Rapid Tourism Expansion		85.1	118	166.9	3.7%	3.3%	3.5%
4 High Oil Revenues		84.4	119	158.5	3.6%	3.5%	2.9%
5 Population Shift Toward Matsu		88.5	129.9	190.4	4.1%	3.9%	3.9%
6 Rapid Retiree Growth		85.1	118.1	165.9	3.7%	3.3%	3.5%
7 Slow Growth of US Productivity		83.4	108.4	141.6	3.5%	2.7%	2.7%
8 Rapid Mining Sector Growth		84.3	114.8	159.3	3.6%	3.1%	3.3%
9 AK Highway Gas Line		84.6	116.9	159.2	3.6%	3.3%	3.1%
10 Military Base Closure		85.1	114.4	157.4	3.7%	3.0%	3.2%
11 Knik Arm Crossing		87.8	127.5	196.8	4.0%	3.8%	4.4%
Difference from Base Case							
1 Kenai Gas Manufacturing Shutdown		0.1	0.0	0.0	0.0%	-0.0%	0.0%
2 High Federal Spending		3.9	3.1	4.4	0.5%	-0.2%	0.0%
3 Rapid Tourism Expansion		0.9	4.3	10.6	0.1%	0.3%	0.3%
4 High Oil Revenues		0.2	5.3	2.2	0.0%	0.4%	-0.3%
5 Population Shift Toward Matsu		4.3	16.2	34.1	0.5%	0.9%	0.7%
6 Rapid Retiree Growth		0.9	4.4	9.6	0.1%	0.3%	0.2%
7 Slow Growth of US Productivity		-0.8	-5.3	-14.7	-0.1%	-0.4%	-0.5%
8 Rapid Mining Sector Growth		0.1	1.1	3.0	0.0%	0.1%	0.1%
9 AK Highway Gas Line		0.4	3.2	2.9	0.0%	0.2%	-0.1%
10 Military Base Closure		0.9	0.7	1.1	0.1%	-0.0%	0.0%
11 Knik Arm Crossing		3.6	13.8	40.5	0.4%	0.8%	1.2%
Percent Difference from Base Case							
1 Kenai Gas Manufacturing Shutdown		0.12%	0.00%	0.00%	0.3%	-0.4%	0.0%
2 High Federal Spending		4.43%	2.65%	2.74%	11.6%	-6.6%	0.3%
3 Rapid Tourism Expansion		1.06%	3.64%	6.35%	3.0%	8.2%	8.4%
4 High Oil Revenues		0.24%	4.45%	1.39%	0.7%	12.8%	-11.2%
5 Population Shift Toward Matsu		4.86%	12.47%	17.91%	12.7%	22.1%	17.0%
6 Rapid Retiree Growth		1.06%	3.73%	5.79%	3.0%	8.5%	6.5%
7 Slow Growth of US Productivity		-0.96%	-4.89%	-10.38%	-2.8%	-14.8%	-19.4%
8 Rapid Mining Sector Growth		0.12%	0.96%	1.88%	0.3%	2.8%	2.9%
9 AK Highway Gas Line		0.47%	2.74%	1.82%	1.4%	7.2%	-3.1%
10 Military Base Closure		1.06%	0.61%	0.70%	3.0%	-1.5%	0.3%
11 Knik Arm Crossing		4.10%	10.82%	20.58%	10.9%	19.8%	27.1%

TABLE 2. PART D. MAP MODEL PROJECTION SENSITIVITY ANALYSIS

KENAI POPULATON (000)	LEVEL				AVERAGE ANNUAL GROWTH RATE		
	2000	2010	2020	2030	2010	2020	2030
Base Case	49.7	54.5	62.5	72.2	0.9%	1.4%	1.5%
1 Kenai Gas Manufacturing Shutdown		52.9	59.5	68.9	0.6%	1.2%	1.5%
2 High Federal Spending		57.5	65.3	75.4	1.5%	1.3%	1.4%
3 Rapid Tourism Expansion		54.8	63.9	75.2	1.0%	1.5%	1.6%
4 High Oil Revenues		54.7	64.2	72.9	1.0%	1.6%	1.3%
5 Population Shift Toward Matsu		54.3	61.7	70.4	0.9%	1.3%	1.3%
6 Rapid Retiree Growth		54.9	64.2	75.3	1.0%	1.6%	1.6%
7 Slow Growth of US Productivity		54.1	60.4	67.3	0.9%	1.1%	1.1%
8 Rapid Mining Sector Growth		54.5	63.1	73.5	0.9%	1.5%	1.5%
9 AK Highway Gas Line		54.6	63.6	73.2	0.9%	1.5%	1.4%
10 Military Base Closure		54.8	61.9	71.6	1.0%	1.2%	1.5%
11 Knik Arm Crossing		54.3	61.8	70.1	0.9%	1.3%	1.3%
Difference from Base Case							
1 Kenai Gas Manufacturing Shutdown		-1.6	-3.0	-3.3	-0.3%	-0.2%	0.0%
2 High Federal Spending		3.0	2.8	3.2	0.5%	-0.1%	-0.0%
3 Rapid Tourism Expansion		0.3	1.4	3.0	0.1%	0.2%	0.2%
4 High Oil Revenues		0.2	1.7	0.7	0.0%	0.2%	-0.2%
5 Population Shift Toward Matsu		-0.2	-0.8	-1.8	-0.0%	-0.1%	-0.1%
6 Rapid Retiree Growth		0.4	1.7	3.1	0.1%	0.2%	0.2%
7 Slow Growth of US Productivity		-0.4	-2.1	-4.9	-0.1%	-0.3%	-0.4%
8 Rapid Mining Sector Growth		0.0	0.6	1.3	0.0%	0.1%	0.1%
9 AK Highway Gas Line		0.1	1.1	1.0	0.0%	0.2%	-0.0%
10 Military Base Closure		0.3	-0.6	-0.6	0.1%	-0.2%	0.0%
11 Knik Arm Crossing		-0.2	-0.7	-2.1	-0.0%	-0.1%	-0.2%
Percent Difference from Base Case							
1 Kenai Gas Manufacturing Shutdown		-3.02%	-5.04%	-4.79%	-48.0%	-16.6%	1.7%
2 High Federal Spending		5.22%	4.29%	4.24%	36.9%	-7.7%	-0.3%
3 Rapid Tourism Expansion		0.55%	2.19%	3.99%	5.6%	10.9%	11.5%
4 High Oil Revenues		0.37%	2.65%	0.96%	3.8%	14.6%	-13.6%
5 Population Shift Toward Matsu		-0.37%	-1.30%	-2.56%	-4.2%	-7.3%	-9.4%
6 Rapid Retiree Growth		0.73%	2.65%	4.12%	7.4%	12.6%	9.6%
7 Slow Growth of US Productivity		-0.74%	-3.48%	-7.28%	-8.7%	-24.5%	-33.6%
8 Rapid Mining Sector Growth		0.00%	0.95%	1.77%	0.0%	6.6%	5.5%
9 AK Highway Gas Line		0.18%	1.73%	1.37%	2.0%	10.3%	-2.6%
10 Military Base Closure		0.55%	-0.97%	-0.84%	5.6%	-12.5%	0.9%
11 Knik Arm Crossing		-0.37%	-1.13%	-3.00%	-4.2%	-5.9%	-14.6%

ECONOMIC PROJECTION METHODOLOGY

The projections of economic and demographic variables for the state of Alaska and the South Central region presented in this report were generated using the Institute of Social and Economic Research (ISER) MAP Econometric Modeling System. This modeling system combines an economic module, a demographic module, a fiscal module, a regionalization module, and a housing stock module.

The model is driven by an ECONOMIC DEVELOPMENT SCENARIO which is a consistent set of assumptions about levels of future basic industry activity within the state, national variables, and state fiscal policy variables. A complete listing of the assumptions for the BASE CASE scenario used to generate the BASE CASE projection is contained in an appendix.

The scenario elements were developed by the author with the assistance of an informal committee composed of representatives of the utilities participating in this study. The author proposed the elements to be included in the BASE CASE and the committee reviewed each scenario. Although the choice of assumptions to include within a scenario is rarely unanimous, there was broad general agreement among participants on the composition of the scenario.

Many of the scenario elements involve a large degree of judgment about future domestic and international political events that are beyond the realm of economics. It is in these elements that the informal committee provided the most assistance in the formulation of the scenarios.

There are numerous combinations of scenario elements which, when combined into an ECONOMIC DEVELOPMENT SCENARIO, will yield a particular population projection for South Central Alaska. An earlier study by the author which also used the MAP Econometric Modeling System has demonstrated the range of possible population outcomes for a large number of combinations of scenario elements (*Economic and Demographic Projections for the Alaska Railbelt: 1988-2010*, ISER, 1988).

The scenario elements for basic sector economic activity are a collection of both project-specific assumptions and generic industry assumptions. A typical project-specific element is the construction and operation of a gold mine at Fort Knox near Fairbanks while a typical generic element is the assumption of employment growth in the mining industry from projects not currently identified. In recognition of the fact that myopia prevents the identification of all potential projects that may occur over the next 30 years, there has been a conscious effort in the creation of the scenarios to account for this bias through the inclusion of the generic elements. These generic elements have been developed to be as consistent as possible with historical patterns of industrial activity.

One of the most critical assumptions in each development scenario is the price of oil since this affects both the level of petroleum industry activity in the state and the level of public revenues. Petroleum revenues are important to the economy since the state of Alaska currently receives about 85 percent of its general fund revenues from petroleum taxes and royalties, and state government spending in Alaska is considerably above the national average. Consequently, state spending has a disproportionately large influence on the private economy.

Petroleum revenues are projected to decline over time, and a set of assumptions regarding state and local government responses to address this significant loss of revenue is formalized in a FISCAL SCENARIO. The main elements of a FISCAL SCENARIO are policies controlling the level of state and local government spending in the face of reductions in revenues, determination of state and local government wage rates, re-imposition of a state personal income tax, and the use of earnings of the Permanent Fund including reduction of the Permanent Fund dividend.

Actual state policies to deal with the shortfall of petroleum revenues as well as the timing of their imposition are difficult to project.

However independent analyses support the conclusion that some set of policy changes similar to those reflected in the FISCAL SCENARIO will be necessary in the near future to balance the state budget as petroleum revenues decline. Of course neither the author nor the sponsoring utilities are advocating the particular sets of policies reflected in the FISCAL SCENARIO.

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

ECONOMIC SCENARIO ASSUMPTIONS

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

ECONOMIC SCENARIO ASSUMPTIONS

	BASE CASE (CEO4B)	LOW CASE SENSITIVITY	HIGH CASE SENSITIVITY
A. BASIC INDUSTRY ASSUMPTIONS			
A.1. Petroleum			
1. Trans-Alaska Pipeline	Employment remains constant (TAP.S04M)		
2. North Slope Petroleum Development and Production (including NPRA and near-shore OCS)	Employment remains constant as marginal fields, requiring more labor, are brought into production and enhanced recovery methods continue to be applied at Prudhoe Bay (ONS.S04M)		
3. Frontier Areas OCS	None		
4. ANWR	Exploration in ANWR starting in 2006 leads to commercial development at 400 MM barrels per day (OAW.S04M)		
5. Use of North Slope Gas	Commercialization of North Slope gas results in employment of 500 after 2010; revenues are $100 million/year (ONG.S04M)		
6. Cook Inlet Petroleum Production	Employment in exploration, development, and production of oil and gas in Cook Inlet remains constant. Manufacturing based on natural gas continues at the current level (OCI.S04M)		
7. Oil Industry Headquarters	Constant employment (OHQ.S04M)		

NOTES: Codes in parentheses indicate ISER names for MAP Model case files, and codes in brackets indicate MAP variable names.
These are the long-run assumptions. Values may differ in the initial forecast years to reflect short-term conditions.

A.2. Mining			

	BASE CASE (CEO4B)	LOW CASE SENSITIVITY	HIGH CASE SENSITIVITY
1. Beluga Coal Production	None		
2. Greens Creek Mine	Constant employment (MGC.S04M)		
3. Red Dog Mine	Constant employment (MRD.S04M)		
4. Matanuska Valley Coal	None		
5. Kensington Mine	Production begins in 2006 (MKN.S04M)		
6. Fort Knox/True North	Production is constant (MFK.S04M)		
7. Pogo	Production begins in 2006 (MFG.S04M)		
8. Donlin Creek Mine	Production begins in 2009 (MDK.04M)		
9. Pebble Mine	Production begins in 2011 (MPB.04M)		
10. Other Mining Activity	Mining employment net of specifically identified projects increases by 3 percent annually (MOT.S04M)		
A.3. Seafood			
1. Commercial Fish Harvesting	Shore-based employment in fish harvesting is constant (SFH.S04M)		
2. Commercial Fish Processing	Constant employment (SFP.S04M)		
A.4. Tourism			
1. Tourism	Index of tourist visitor expenditures (measuring visitors, days, and real expenditures per visitor day) increases by 5% with employment growth of 3%. Tourism-related infrastructure development grows 2% annually (TRN.S04M)		
A.5. Federal Government			
1. Military Employment	Strength level remains constant after buildup in 2004 and 2005 (FMI.S04M)		
2. Civilian Employment	Employment increases at .25 percent annual rate consistent with long-term trend since 1960 (FCV.S04M)		

	BASE CASE (CEO4B)	LOW CASE SENSITIVITY	HIGH CASE SENSITIVITY
3. Procurement	Federally funded construction projects, such as rural safe water and environmental cleanup activities at military sites, produce 1,000 jobs annually through 2010 and then decline by 10% annually (CON.S04M)		
4. Grants to State Governments [FEDEX]	Downward adjustment from 2006 to 2013 to 65% of current level, then growth at rate of population and inflation		
5. Grants to Nonprofits	Drop in value added in nonprofit sector of $100 million between 2005 and 2008		
6. Transfers to Individuals (Medicare and Medicaid)	Growing at rate of population, prices, and income.		
7. Cost-of-Living Adjustment	Declines from 25% to 10% over the period 2010 to 2025		
A.6. International Freight Handling			
1. Air Transport Employment	Employment at Anchorage and Fairbanks International airports associated with international freight handling continues to grow at declining rate (AIR.S04M)		
A.7. Forest Products			
1. Logging and Sawmills	Growth at 1 percent in all regions that currently have logging (FML.S04M)		
2. Timber Manufacture	Modest levels of wood products-related manufactur-ing develop in Sitka and Ketchikan (FMP.S04M)		
A.8. Agriculture			
1. Agriculture	Employment in agriculture, primarily for local markets, increases 2% annually (AGR.S04M)		
B. FISCAL ASSUMPTIONS			
B.1. Revenues			

	BASE CASE (CEO4B)	LOW CASE SENSITIVITY	HIGH CASE SENSITIVITY
1. Severance Taxes [RPTS]	DOR Spring 2004 through 2007, then calculate from price x production x yield		
2. Royalties [RPRY]	DOR Spring 2004 through 2007, then calculate from price x production x yield		
3. Oil Price Average Lower 48 North Slope Crude (2003 $)	DOR Spring 2004 to 2007 then constant real dollars ($22) (DOR.S04M)		
4. Oil Production (ex ANWR)	DOR Fall 2003 to 2015; then 5 percent decline per year (excluding ANWR)		
5. State Revenue Yield per Barrel	DOR Fall 2003 revenue sources through 2015, then constant		
6. Bonuses [RPBS]	DOR Spring 2004 through 2015, then constant nominal (DOR.S04M)		
7. Property Taxes [RPPS]	DOR Spring 2004 through 2015, then constant nominal		
8. Petroleum Corporate Income Tax [RTCSPX]	DOR Spring 2004 through 2015, then constant nominal		
9. Petroleum Rents [RPEN]	$15 million initially, growing with inflation		
10. Miscellaneous Petroleum Settlement Revenues [RP9X]	$20 million annually. The revenues are allocated to the Constitutional Budget Reserve (WIN.S04M**)**		
11. ANWR Revenues	State shares 50% of royalties and collects other taxes consistent with take on other North Slope production (OAW.S04M)		
12. Gas Com-mercialization Revenues	$100 million annually starting in 2011 (ONG.S04M)		
13. Federal-State Petroleum-Related Shared Revenues [RSFDNPX]	$10 million growing with inflation		
14. Personal Income Tax [EXPIT]	Income tax is reimposed only after Constitutional Budget Reserve falls below $1 billion and earnings reserve has been appropriated to General Fund (see Fiscal Gap section below)		
15. Large Project Corporate Income Taxes [RTCSX]	Zero		
16. Miscellaneous	Miscellaneous state-local		

	BASE CASE (CEO4B)	LOW CASE SENSITIVITY	HIGH CASE SENSITIVITY
Local Revenue Sources [RLTX], [RLPTX], [RLTFPX]	transfers, large project property taxes, new petroleum-related federal transfers all set to zero		
17. New Federal-State Shared Revenues [RSFDNX]	Zero		
18. Agency Transfers (AHFC, AIDEA) [RMISX]	$100 million (increasing with inflation) contributed to general fund annually		
B.2. State Appropriations			
1. General Fund Appropriations [EXEL1] [EXEL2]	Growth at inflation rate plus share of population growth rate, unless constrained by lack of revenues (see Fiscal Gap section below)		
2. Capital/ Operations Split [EXSPLITX]	90% operations; 10% capital		
3. General Obligation Bonds	Bond sales for capital expenditures (EXCPSGOB) occur at a rate which maintains annual debt service payments at a level no more than 5% of current state revenues		
4. State Loan Programs [EXKTR1X] [EXLOAN2] [EXCPSR1]	AHFC, AIDEA, and other programs function on existing capitalization		
5. Municipal Capital Grants [RLTMCAP]	None		
6. State-Local Revenue Sharing (RLTRS)	None		
7. State-Local Municipal Assistance (RLTMA)	None		
8. Permanent Fund/Other Special Appropriations in Excess of Spending Limit [EXPFCONX] [EXGFOPSX] [EXSPCAP]	None		

	BASE CASE (CEO4B)	LOW CASE SENSITIVITY	HIGH CASE SENSITIVITY
B.3. Permanent Fund and Constitutional Budget Reserve, Fiscal Gap			
1. Permanent Fund Principal [EXPF1]	Deposits from petroleum revenues continue at 25% of royalties		
2. Permanent Fund Total Real Rate of Return [ROR+ RORPPF]	4.5 percent		
3. Permanent Fund Earnings [EXPFTOGF]	After inflation proofing and payment of dividend, remainder accrues in earnings reserve, where it is used to supplement general fund revenues. When earnings reserve depleted, dividend reduced and funds used to support general fund (see Fiscal Gap section below).		
4. Permanent Fund Dividend	Half of annual earnings of Fund paid out as dividend, but when Permanent Fund earnings required to fund general fund spending, dividend payment reduced (see Fiscal Gap section below).		
5. Constitutional Budget Reserve Real Rate of Return	3 percent		
B.4. Miscellaneous			
1. State-Local Wage Rates [EXWR]	Real wage reduced 5 percent over 10 years from 2005		
2. Local Property Tax Rates [RLPTRATE]	Increase 20 percent between 2005 and 2015		
C. NATIONAL VARIABLE ASSUMPTIONS			
1. U.S. Inflation Rate [GRUSCPI]	3 percent		
2. U.S. Real Average Weekly Earnings [GRRWEUS]	1.5% real growth		
3. Dividend-Interest-Rent Income [GRDIRPU]	Growth in real per capita income averages .5%		
4. U.S. Unemploy-	5.5 percent		

	BASE CASE (CEO4B)	LOW CASE SENSITIVITY	HIGH CASE SENSITIVITY
ment Rate [UUS]			
D. ALASKA PERSONAL INCOME			
1. Exxon Valdez Settlement [PITRANX]	Alaska residents receive $2 billion in settlements between 2006 and 2015		
2. Retiree Income [GRPITR.R]	.5% real per capita growth rate		
E. POPULATION			
1. Birth Rates	Historical rates		
2. Migration	Historical rates		
F. REGIONAL ASSUMPTIONS			
1. Population	Regional population growth allocated on the basis of existing population and employment growth except for increasing share of Greater Anchorage population growth allocated to Mat-Su Borough		
2. Employment	No significant shifts in the location of support industries except for increasing share of Greater Anchorage support activity to Mat-Su Borough		
3. Knik Arm Crossing	Not constructed		

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

STATEWIDE

BASE CASE

TABLE 1A. PROJECTION SUMMARY
2004 BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOY-MENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 03$)	PETROLEUM REVENUES (MILL 03$)
2000	**626.9**	**221.6**	**395.0**	**280.7**	**$20,267**	**$1,470**
2001	**632.7**	226.1	**404.7**	**287.9**	**$21,125**	**$1,140**
2002	**641.5**	229.4	**414.0**	**292.3**	**$21,636**	**$745**
2003	**649.6**	232.9	418.8	296.6	$21,644	$1,976
2004	655.1	235.9	426.6	301.9	$21,603	$2,256
2005	662.1	239.2	434.2	306.0	$22,010	$1,889
2006	673.0	244.1	438.9	309.6	$22,639	$1,648
2007	681.8	248.2	438.9	309.6	$23,003	$1,272
2008	692.1	252.8	441.7	311.8	$23,460	$1,122
2009	695.3	254.9	437.2	308.3	$23,462	$1,085
2010	698.4	256.9	439.1	309.8	$23,580	$1,111
2011	707.8	261.0	445.7	314.8	$23,958	$1,168
2012	719.4	265.9	449.0	317.3	$24,194	$1,208
2013	728.2	269.7	451.0	318.9	$24,358	$1,188
2014	737.6	273.7	455.2	322.1	$24,644	$1,169
2015	748.2	278.1	458.9	324.9	$25,009	$1,148
2016	757.2	281.9	460.6	326.2	$25,119	$1,143
2017	767.1	286.0	465.7	330.1	$25,543	$1,140
2018	779.8	291.0	471.6	334.5	$26,013	$1,138
2019	792.8	296.2	476.8	338.5	$26,439	$1,105
2020	805.2	301.2	482.2	342.6	$26,826	$1,073
2021	818.6	306.5	489.1	347.8	$27,360	$1,043
2022	831.7	311.7	494.4	351.8	$27,693	$1,014
2023	844.3	316.8	501.0	356.8	$28,224	$986
2024	857.9	322.2	508.0	362.1	$28,778	$959
2025	870.7	327.3	513.7	366.3	$29,242	$934
2026	882.6	332.3	519.8	371.0	$29,768	$910
2027	895.5	337.5	527.4	376.6	$30,346	$887
2028	909.5	343.1	535.2	382.5	$30,945	$865
2029	923.9	348.9	543.4	388.6	$31,568	$844
2030	938.8	354.9	552.0	395.0	$32,218	$824

ANNUAL AVERAGE GROWTH RATE

2000-2010	1.09%	1.49%	1.06%	0.99%	1.53%	-2.76%
2010-2020	1.43%	1.60%	0.94%	1.01%	1.30%	-0.35%
2020-2030	1.55%	1.65%	1.36%	1.43%	1.85%	-2.60%
2000-2020	1.26%	1.55%	1.00%	1.00%	1.41%	-1.56%
2000-2030	1.35%	1.58%	1.12%	1.15%	1.56%	-1.91%

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

POPULATION	JULY 1 CENSUS DEFINITION	POP
HOUSEHOLDS	JULY 1 CENSUS DEFINITION	HH
TOTAL EMPLOYMENT	INCLUDES ACTIVE DUTY MILITARY, RESERVISTS, PROPRIETORS, AND MISC	EM99.BEA
WAGE & SALARY EM	ALASKA DEPT OF LABOR DEFINITION	EM97
PERSONAL INCOME	USDC BEA DEFINITION	DF.PIB
PETROLEUM REVENUES	INCLUDES PERMANENT FUND CONTRIBUTION AND WINDFALLS	DF.RP9S

TABLE 2A. EMPLOYMENT BY SECTOR (000)
2004 BASE CASE

	TOTAL	BASIC	INFRA-STRUCTURE	SUPPORT	STATE/ LOCAL GOVT	TOTAL ANNUAL % GROWTH
2000	**395.0**	0.0	0.0	0.0	**55.1**	0.0%
2001	**404.7**	0.0	0.0	0.0	**60.1**	0.0%
2002	**414.0**	0.0	0.0	0.0	**62.0**	0.0%
2003	418.8	92.4	42.7	283.7	61.8	1.2%
2004	426.6	93.8	42.5	290.3	63.8	1.9%
2005	434.2	96.0	43.1	295.1	64.2	1.8%
2006	438.9	97.2	43.9	297.8	63.6	1.1%
2007	438.9	98.0	44.1	296.8	61.2	0.0%
2008	441.7	99.7	44.5	297.4	59.5	0.6%
2009	437.2	101.4	43.6	292.2	58.0	-1.0%
2010	439.1	102.6	43.7	292.9	57.7	0.4%
2011	445.7	104.9	44.4	296.5	57.7	1.5%
2012	449.0	105.4	44.7	298.9	57.6	0.7%
2013	451.0	106.1	45.2	299.8	56.8	0.5%
2014	455.2	106.8	46.0	302.4	56.7	0.9%
2015	458.9	107.0	46.5	305.5	57.0	0.8%
2016	460.6	107.2	46.3	307.2	57.5	0.4%
2017	465.7	107.9	46.7	311.0	58.0	1.1%
2018	471.6	108.7	47.5	315.4	58.3	1.3%
2019	476.8	109.5	48.3	319.0	58.1	1.1%
2020	482.2	110.4	49.1	322.7	58.0	1.1%
2021	489.1	111.2	49.9	328.0	58.5	1.4%
2022	494.4	112.1	50.2	332.1	59.0	1.1%
2023	501.0	113.0	50.9	337.0	59.3	1.3%
2024	508.0	113.9	51.8	342.3	59.6	1.4%
2025	513.7	114.9	52.5	346.3	59.3	1.1%
2026	519.8	115.8	53.3	350.7	59.1	1.2%
2027	527.4	116.9	54.2	356.3	59.4	1.5%
2028	535.2	117.9	55.1	362.2	59.8	1.5%
2029	543.4	118.9	56.1	368.4	60.2	1.5%
2030	552.0	120.0	57.1	374.9	60.6	1.6%

ANNUAL AVERAGE GROWTH RATE

2000-2010	1.06%	ERR	ERR	ERR	0.48%	x
2010-2020	0.94%	0.73%	1.18%	0.98%	0.04%	x
2020-2030	1.36%	0.84%	1.51%	1.51%	0.44%	x

2000-2020	1.00%	ERR	ERR	ERR	0.26%	x
2000-2030	1.12%	ERR	ERR	ERR	0.32%	x

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TOTAL EMPLOYMENT	WAGE AND SALARY, PROPRIETORS, & ACTIVE DUTY MILITARY	EM99.BEA
BASIC	BASIC CONSTRUCTION, MANUFACTURING,TRANSPORTATION, MINING, OIL, TOURISM, FED GOVT, AGRICULTURE, FORESTRY, & FISH HARVESTING	EM9BASE
INFRASTRUCTURE	NON-BASIC TRANSPORTATION, COMMUNICATIONS, PUBLIC UTILITIES, NON-BASIC CONSTRUCTION & BUSINESS SERVICES	EM9INFR
SUPPORT	NON BASIC TRADE AND SERVICES, FINANCE, LOCAL MANUFACTURING, AND PROPRIETORS NOT INVOLVED IN FISH HARVESTING OR TOURISM	EM9SUPRT
STATE & LOCAL	STATE AND LOCAL GOVERNMENT	EMGA

TABLE 3A. BASIC INDUSTRY EMPLOYMENT (000)
2004 BASE CASE

	OIL AND GAS	MINING	SEAFOOD	TIMBER	AIR CARGO	TOURISM	MILITARY
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0	0.0	18.0
2002	0.0	0.0	0.0	0.0	0.0	0.0	18.0
2003	8.7	2.2	18.1	1.8	2.4	18.4	18.0
2004	8.7	2.3	18.1	1.8	2.5	18.9	18.5
2005	8.7	2.4	18.1	1.8	2.6	19.4	20.0
2006	8.7	2.8	18.1	1.8	2.7	19.8	20.0
2007	8.7	2.9	18.1	1.9	2.8	20.3	20.0
2008	8.7	3.1	18.1	1.9	2.9	20.8	20.0
2009	8.7	3.4	18.1	1.9	3.0	21.3	20.0
2010	9.2	3.5	18.1	2.0	3.0	21.9	20.0
2011	10.2	4.0	18.1	2.0	3.0	22.4	20.0
2012	10.2	4.0	18.1	2.0	3.0	23.0	20.0
2013	10.2	4.1	18.1	2.0	3.0	23.6	20.0
2014	10.2	4.1	18.1	2.0	3.0	24.1	20.0
2015	10.2	4.2	18.1	2.1	3.0	24.7	20.0
2016	10.2	4.2	18.1	2.1	3.0	25.4	20.0
2017	10.2	4.2	18.1	2.1	3.0	26.0	20.0
2018	10.2	4.3	18.1	2.1	3.0	26.6	20.0
2019	10.2	4.3	18.1	2.1	3.0	27.3	20.0
2020	10.2	4.4	18.1	2.2	3.0	28.0	20.0
2021	10.2	4.4	18.1	2.2	3.0	28.7	20.0
2022	10.2	4.5	18.1	2.2	3.0	29.4	20.0
2023	10.2	4.6	18.1	2.2	3.0	30.1	20.0
2024	10.2	4.6	18.1	2.2	3.0	30.8	20.0
2025	10.2	4.7	18.1	2.3	3.0	31.6	20.0
2026	10.2	4.7	18.1	2.3	3.0	32.4	20.0
2027	10.2	4.8	18.1	2.3	3.0	33.2	20.0
2028	10.2	4.8	18.1	2.3	3.0	34.0	20.0
2029	10.2	4.9	18.1	2.3	3.0	34.9	20.0
2030	10.2	5.0	18.1	2.4	3.0	35.7	20.0

ANNUAL AVERAGE GROWTH RATE

2000-2010	ERR	ERR	ERR	ERR	ERR	ERR	ERR
2010-2020	1.04%	2.42%	0.00%	0.98%	0.00%	2.48%	0.00%
2020-2030	0.00%	1.26%	0.00%	0.93%	0.00%	2.48%	0.00%

2000-2020	ERR	ERR	ERR	ERR	ERR	ERR	ERR
2000-2030	ERR	ERR	ERR	ERR	ERR	ERR	ERR

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

OIL AND GAS	PRODUCTION AND TRANSPORTATION	EMBASEOIL
MINING	WAGE AND SALARY EMPLOYMENT ONLY	EMPMINE
SEAFOOD	HARVESTING AND PROCESSING	EMBASEFISH
TIMBER	HARVESTING, PROCESSING, AND PULP MANUFACTURING	EMBASETIMBER
AIR CARGO	EMPLOYMENT DEPENDENT ON INTERNATIONAL CARGO	EMT9XAIR
TOURISM	PORTIONS OF TRADE, SERVICES, AND TRANSPORTATION	EMTOUR
MILITARY	ACTIVE DUTY MILITARY	EMGM
FEDERAL CIVILIAN	SEE TABLE 5	EMGC

TABLE 4A. PRIVATE EMPLOYMENT (000)
BY SIC CODE
2004 BASE CASE

	TOTAL PRIVATE	AGRICULTURE FORESTRY FISHERIES	MINING & PETROLEUM	CONSTRUC-TION	MANUFAC-TURING	TRANSPORT COMMUN. PUB. UTILITY	OTHER
2000	0.0	0.0	10.1	14.1	0.0	0.0	0.0
2001	0.0	0.0	11.3	14.9	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003	317.5	10.7	10.2	15.0	14.3	28.3	238.9
2004	322.6	10.8	10.3	14.6	14.3	28.8	243.8
2005	327.9	10.8	10.4	14.5	14.4	29.4	248.4
2006	333.1	10.8	10.8	14.5	14.4	30.2	252.4
2007	335.4	10.8	10.9	14.3	14.5	30.7	254.2
2008	340.0	10.8	11.1	14.9	14.5	31.4	257.2
2009	336.9	10.9	11.4	15.1	14.5	31.2	253.7
2010	339.1	10.9	12.0	15.1	14.6	31.5	255.1
2011	345.7	10.9	13.5	15.2	14.6	32.0	259.4
2012	349.0	10.9	13.5	15.0	14.6	32.4	262.5
2013	351.8	11.0	13.6	15.2	14.7	32.7	264.7
2014	356.0	11.0	13.6	15.6	14.7	33.1	268.0
2015	359.4	11.0	13.7	15.0	14.7	33.6	271.4
2016	360.6	11.0	13.7	14.1	14.8	33.8	273.2
2017	365.1	11.1	13.7	14.0	14.8	34.3	277.2
2018	370.6	11.1	13.8	14.0	14.9	34.9	282.0
2019	376.1	11.1	13.8	14.2	14.9	35.5	286.6
2020	381.5	11.1	13.9	14.5	14.9	36.0	291.0
2021	387.8	11.2	13.9	14.5	15.0	36.7	296.6
2022	392.6	11.2	14.0	14.3	15.0	37.2	300.9
2023	398.8	11.2	14.1	14.3	15.1	37.8	306.4
2024	405.5	11.2	14.1	14.4	15.1	38.5	312.2
2025	411.4	11.3	14.2	14.5	15.2	39.1	317.3
2026	417.8	11.3	14.2	14.5	15.2	39.7	322.8
2027	424.9	11.3	14.3	14.6	15.3	40.5	328.9
2028	432.3	11.4	14.3	14.7	15.3	41.2	335.4
2029	440.1	11.4	14.4	14.8	15.4	41.9	342.1
2030	448.2	11.4	14.5	15.0	15.4	42.7	349.2

ANNUAL AVERAGE GROWTH RATE

2000-2010	ERR	ERR	1.66%	0.68%	ERR	ERR	ERR
2010-2020	1.19%	0.22%	1.51%	-0.40%	0.25%	1.36%	1.33%
2020-2030	1.63%	0.26%	0.41%	0.36%	0.31%	1.72%	1.84%

2000-2020	ERR	ERR	1.59%	0.14%	ERR	ERR	ERR
2000-2030	ERR	ERR	1.19%	0.21%	ERR	ERR	ERR

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

PRIVATE	ALL NON-GOVERNMENT EMPLOYMENT INCLUDING PROPRIETORS	EMPVT
AG, FOR, FISHERIES	DOL AG, FOR, FISHERIES + PROPRIETORS IN FISH HARVESTING	EMAFF
MINING AND PETROL	DOL MINING (INCLUDES PETROLEUM PRODUCTION)	EMP9
CONSTRUCTION	DOL CONSTRUCTION	EMCN
MANUFACTURING	DOL MANUFACTURING	EMM9
TRANS, COMM, PUB UT	DOL TRANS, COMM, PUBLIC UTILITIES	EMTCU
OTHER	DOL TRADE, FINANCES, AND SERVICES PLUS PROPRIETORS NET FISH HARVESTING	EMSUP

TABLE 5A. GOVERNMENT EMPLOYMENT (000)
2004 BASE CASE

	TOTAL GOVT	ACTIVE DUTY MILITARY	FEDERAL CIVILIAN	STATE GOVT	LOCAL GOVT
2000	0.0	0.0	**17.1**	**22.1**	**32.9**
2001	0.0	18.0	**16.8**	**23.0**	**37.1**
2002	0.0	18.0	**16.8**	**23.8**	**38.2**
2003	96.8	18.0	17.0	23.7	38.1
2004	99.4	18.5	17.0	23.9	39.9
2005	101.3	20.0	17.1	24.1	40.0
2006	100.8	20.0	17.1	23.8	39.8
2007	98.4	20.0	17.2	22.7	38.6
2008	96.7	20.0	17.2	21.7	37.8
2009	95.3	20.0	17.3	20.8	37.3
2010	95.1	20.0	17.3	20.4	37.4
2011	95.1	20.0	17.3	20.3	37.4
2012	95.0	20.0	17.4	20.2	37.4
2013	94.2	20.0	17.4	19.9	36.9
2014	94.2	20.0	17.5	20.0	36.7
2015	94.5	20.0	17.5	20.1	36.9
2016	95.0	20.0	17.6	20.1	37.3
2017	95.6	20.0	17.6	20.2	37.8
2018	96.0	20.0	17.7	20.3	38.0
2019	95.8	20.0	17.7	20.4	37.6
2020	95.7	20.0	17.7	20.6	37.4
2021	96.3	20.0	17.8	20.7	37.8
2022	96.8	20.0	17.8	20.8	38.2
2023	97.2	20.0	17.9	20.8	38.5
2024	97.5	20.0	17.9	20.9	38.7
2025	97.3	20.0	18.0	20.9	38.4
2026	97.1	20.0	18.0	20.9	38.2
2027	97.5	20.0	18.1	20.9	38.5
2028	97.9	20.0	18.1	21.0	38.9
2029	98.3	20.0	18.1	21.0	39.2
2030	98.8	20.0	18.2	21.0	39.6

ANNUAL AVERAGE GROWTH RATE

2000-2010	ERR	ERR	0.10%	-0.84%	1.28%
2010-2020	0.07%	0.00%	0.25%	0.11%	0.01%
2020-2030	0.31%	0.00%	0.25%	0.21%	0.56%

2000-2020	ERR	ERR	0.17%	-0.37%	0.64%
2000-2030	ERR	ERR	0.20%	-0.17%	0.61%

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

TOTAL	TOTAL	EMG9
MILITARY	ACTIVE DUTY MILITARY	EMGM
FEDERAL CIVILIAN	FEDERAL CIVILIAN	EMGC
STATE	STATE (INCLUDES UNIVERSITY OF ALASKA)	EMGS
LOCAL	LOCAL	EMGL

TABLE 6A. POPULATION CHANGE (000)
2004 BASE CASE

	POPULATION	TOTAL ANNUAL CHANGE	NATURAL INCREASE	NON-MILITARY MIGRATION	MILITARY MIGRATION
2000	**626.9**	0.0	0.0	0.0	0.0
2001	**632.7**	5.7	8.2	0.0	0.0
2002	**641.5**	8.8	8.1	0.0	0.0
2003	649.6	8.1	8.2	-1.9	0.9
2004	655.1	5.6	8.2	-2.9	0.3
2005	662.1	6.9	8.3	-3.8	2.4
2006	673.0	11.0	8.3	3.8	-1.2
2007	681.8	8.8	8.5	1.5	-1.2
2008	692.1	10.3	8.5	2.9	-1.2
2009	695.3	3.2	8.6	-4.3	-1.2
2010	698.4	3.1	8.6	-4.3	-1.2
2011	707.8	9.4	8.5	2.1	-1.2
2012	719.4	11.6	8.5	4.2	-1.2
2013	728.2	8.8	8.6	1.4	-1.2
2014	737.6	9.4	8.6	2.0	-1.2
2015	748.2	10.6	8.6	3.2	-1.2
2016	757.2	9.0	8.6	1.6	-1.2
2017	767.1	9.9	8.6	2.5	-1.2
2018	779.8	12.7	8.6	5.3	-1.2
2019	792.8	13.0	8.6	5.6	-1.2
2020	805.2	12.5	8.6	5.0	-1.2
2021	818.6	13.4	8.6	5.9	-1.2
2022	831.7	13.1	8.7	5.6	-1.2
2023	844.3	12.7	8.7	5.1	-1.2
2024	857.9	13.6	8.8	6.0	-1.2
2025	870.7	12.7	8.8	5.1	-1.2
2026	882.6	12.0	8.9	4.3	-1.2
2027	895.5	12.9	8.9	5.2	-1.2
2028	909.5	13.9	9.0	6.1	-1.2
2029	923.9	14.4	9.1	6.5	-1.2
2030	938.8	14.9	9.2	6.8	-1.2

ANNUAL AVERAGE GROWTH RATE

2000-2010	1.09%	ERR	ERR	ERR	ERR
2010-2020	1.43%	14.84%	0.07%	ERR	0.00%
2020-2030	1.55%	1.81%	0.69%	3.17%	0.00%

2000-2020	1.26%	ERR	ERR	ERR	ERR
2000-2030	1.35%	ERR	ERR	ERR	ERR

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
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POPULATION	JULY 1 CENSUS DEFINITION	POP
ANNUAL CHANGE	YEAR TO YEAR CHANGE IN JULY 1 POPULATION	DELPOP
NATURAL INCREASE	CIVILIAN NON-NATIVE PLUS NATIVE PLUS MILITARY	POPNI9
NON-MIL MIGRATION	NET MIGRATION NET MILITARY MIGRATION	POPMIG
MILITARY MIGRATION	NET ACTIVE DUTY MILITARY AND DEPENDENT MIGRATION	POPMIGM

TABLE 7A. POPULATION COMPONENTS (000)
2004 BASE CASE

	TOTAL POPULATION	POP 5 to 19	POP 65+	CIVILIAN NON-NATIVE	NATIVE	MILITARY
2000	**626.9**	0.0	35.5	467.1	**117.5**	42.3
2001	**632.7**	160.9	37.7	473.1	119.3	44.3
2002	**641.5**	159.8	39.8	478.9	121.1	42.0
2003	649.6	159.3	42.5	482.2	123.0	44.3
2004	655.1	158.4	45.1	484.5	125.0	45.7
2005	662.1	158.0	47.7	485.8	127.0	49.3
2006	673.0	158.4	50.6	494.7	129.1	49.3
2007	681.8	158.5	53.5	501.4	131.2	49.3
2008	692.1	159.1	56.5	509.5	133.3	49.3
2009	695.3	158.4	59.4	510.5	135.5	49.3
2010	698.4	158.0	62.3	511.4	137.8	49.3
2011	707.8	159.1	65.6	518.5	140.0	49.3
2012	719.4	160.9	69.0	527.8	142.3	49.3
2013	728.2	162.4	72.4	534.3	144.6	49.3
2014	737.6	164.2	75.9	541.5	146.8	49.3
2015	748.2	166.4	79.5	549.9	149.1	49.3
2016	757.2	168.3	83.1	556.6	151.4	49.3
2017	767.1	170.6	86.8	564.2	153.6	49.3
2018	779.8	173.5	90.6	574.7	155.8	49.3
2019	792.8	176.5	94.3	585.5	158.0	49.3
2020	805.2	179.4	98.0	595.8	160.2	49.3
2021	818.6	182.6	101.7	607.0	162.4	49.3
2022	831.7	185.6	105.3	617.9	164.5	49.3
2023	844.3	188.5	108.7	628.5	166.6	49.3
2024	857.9	191.6	112.0	639.9	168.7	49.3
2025	870.7	194.5	115.2	650.6	170.8	49.3
2026	882.6	197.1	118.1	660.5	172.9	49.3
2027	895.5	199.9	120.9	671.4	174.9	49.3
2028	909.5	202.9	123.6	683.2	177.0	49.3
2029	923.9	205.9	126.1	695.6	179.1	49.3
2030	938.8	209.0	128.5	708.4	181.1	49.3

ANNUAL AVERAGE GROWTH RATE

2000-2010	1.09%	ERR	5.79%	0.91%	1.61%	1.52%
2010-2020	1.43%	1.28%	4.63%	1.54%	1.52%	0.00%
2020-2030	1.55%	1.53%	2.75%	1.75%	1.23%	0.00%
2000-2020	1.26%	ERR	5.21%	1.22%	1.56%	0.76%
2000-2030	1.35%	ERR	4.38%	1.40%	1.45%	0.51%

MAP MODEL SIMULATION CEA04B
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POPULATION	JULY1 CENSUS DEFINITION	POP
POP 5-19	SCHOOL AGED POPULATION	
POP 65+	SENIOR POPULATION	
CIVILIAN NON NATIVE	TOTAL MINUS NATIVE AND MILITARY	CNNTOT
NATIVE	ALASKA DEPT OF LABOR DEFINITION	NATTOT
MILITARY	ACTIVE DUTY PLUS DEPENDENTS	MILTOT

TABLE 8A. STATE PETROLEUM REVENUES
(MILL 03$)
2004 BASE CASE

	TOTAL	PROPERTY TAX	CORPORATE INCOME TAX	SEVERANCE TAX	ROYALTY (GF + PF)	RENTS AND BONUSES
2000	$0	$0	$0	$0	$0	$0
2001	$0	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0	$0
2003	$1,934	$49	$151	$599	$1,120	$15
2004	$2,217	$46	$230	$611	$1,306	$24
2005	$1,851	$43	$186	$475	$1,117	$30
2006	$1,610	$38	$169	$390	$973	$40
2007	$1,234	$35	$153	$282	$734	$30
2008	$1,085	$33	$138	$276	$613	$25
2009	$1,048	$31	$125	$264	$602	$27
2010	$1,075	$30	$113	$271	$634	$26
2011	$1,132	$28	$103	$303	$672	$26
2012	$1,172	$28	$102	$317	$700	$26
2013	$1,153	$26	$98	$311	$692	$25
2014	$1,134	$25	$93	$306	$685	$25
2015	$1,113	$23	$89	$299	$676	$25
2016	$1,109	$23	$92	$301	$668	$25
2017	$1,106	$22	$95	$303	$661	$25
2018	$1,105	$21	$98	$306	$656	$24
2019	$1,072	$21	$97	$297	$633	$24
2020	$1,040	$20	$96	$289	$612	$24
2021	$1,010	$20	$95	$281	$591	$24
2022	$981	$19	$94	$273	$571	$23
2023	$954	$19	$94	$266	$553	$23
2024	$928	$18	$93	$259	$535	$23
2025	$903	$18	$92	$252	$518	$23
2026	$879	$17	$92	$246	$502	$23
2027	$856	$17	$91	$239	$486	$23
2028	$835	$16	$91	$234	$472	$22
2029	$814	$16	$90	$228	$457	$22
2030	$794	$15	$90	$223	$444	$22

ANNUAL AVERAGE GROWTH RATE

2000-2010	ERR	ERR	ERR	ERR	ERR	ERR
2010-2020	-0.33%	-3.82%	-1.66%	0.64%	-0.37%	-0.96%
2020-2030	-2.66%	-2.71%	-0.65%	-2.56%	-3.15%	-0.76%

2000-2020	ERR	ERR	ERR	ERR	ERR	ERR
2000-2030	ERR	ERR	ERR	ERR	ERR	ERR

MAP MODEL SIMULATION CEA04B
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TOTAL	
PROPERTY TAX	RPPS
CORPORATE INCOME TAX	RTCSPX
SEVERANCE TAX	RPTS
ROYALTY	RPRY
RENTS AND BONUSES	RPBS

TABLE 9A. STATE UNRESTRICTED GENERAL FUND
(MILL 03$)
2004 BASE CASE

	EXPENDI-TURES	TOTAL REVENUES (excludes ER draw)	PETROLEUM REVENUES	FUND DRAW			OTHER REVENUES
				GENERAL FUND	PERMANENT FUND	CONST RESERVE	
2000	$0	$0	$0	$0	$3	$0	$0
2001	$0	$0	$0	$0	$4	$0	$0
2002	$0	$0	$0	$0	$5	$0	$0
2003	$2,535	$2,535	$1,665	$58	$0	$411	$401
2004	$2,553	$2,553	$1,899	$59	$0	$197	$398
2005	$2,573	$2,573	$1,579	$56	$0	$540	$398
2006	$2,602	$2,329	$1,372	$54	$0	$504	$400
2007	$2,624	$2,360	$1,058	$51	$422	$429	$400
2008	$2,660	$2,445	$940	$49	$264	$791	$402
2009	$2,672	$2,505	$906	$48	$332	$488	$730
2010	$2,682	$2,520	$925	$47	$412	$122	$1,014
2011	$2,714	$2,641	$972	$46	$499	$100	$1,024
2012	$2,740	$2,776	$1,006	$45	$593	$100	$1,032
2013	$2,765	$2,855	$989	$46	$686	$100	$1,034
2014	$2,809	$2,944	$972	$52	$782	$101	$1,038
2015	$2,866	$2,940	$953	$58	$785	$101	$1,043
2016	$2,907	$2,947	$951	$66	$787	$101	$1,042
2017	$2,934	$2,957	$950	$72	$789	$101	$1,045
2018	$2,964	$2,977	$950	$75	$794	$101	$1,056
2019	$3,006	$3,006	$923	$76	$801	$140	$1,067
2020	$3,060	$3,060	$897	$74	$905	$108	$1,076
2021	$3,121	$3,121	$872	$72	$912	$178	$1,087
2022	$3,151	$3,151	$848	$70	$1,017	$119	$1,096
2023	$3,172	$3,172	$825	$68	$1,024	$148	$1,106
2024	$3,195	$3,195	$804	$66	$1,032	$175	$1,119
2025	$3,217	$3,217	$783	$65	$1,039	$201	$1,130
2026	$3,237	$3,237	$763	$63	$1,045	$224	$1,141
2027	$3,258	$3,258	$745	$61	$1,052	$246	$1,155
2028	$3,281	$3,281	$727	$60	$1,059	$268	$1,169
2029	$3,298	$3,210	$710	$58	$1,065	$194	$1,183
2030	$3,310	$3,138	$693	$56	$1,072	$119	$1,198

ANNUAL AVERAGE GROWTH RATE

2000-2010	ERR	ERR	ERR	ERR	62.33%	ERR	ERR
2010-2020	1.33%	1.96%	-0.31%	4.75%	8.19%	-1.17%	0.59%
2020-2030	0.79%	0.25%	-2.54%	-2.70%	1.70%	0.92%	1.09%

2000-2020	ERR	ERR	ERR	ERR	32.52%	ERR	ERR
2000-2030	ERR	ERR	ERR	ERR	21.33%	ERR	ERR

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
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EXPENDITURES	UNRESTRICTED GENERAL FUND	DF.EXGFB
TOTAL REVENUES	UNRESTRICTED GENERAL FUND NET DRAW FROM ER BALANCE	DF.RSGFB
PETROLEUM REV	EXCLUDES STATUTORY PF CONTRIBUTION & CBR CONTRIBUTION	DF.RP9SG
GF INVESTMENT EARN	GENERAL FUND INVESTMENT EARNINGS	DF.RSIG
PF INVESTMENT EARN	PF AND EARNINGS RESERVE EARNINGS TRANSFERRED TO GF	DF.RSIPG
CBR INVESTMENT EARN	CBR EARNINGS TRANSFERRED TO GF (+ AGENCY TRANSFER)	DF.CBR
OTHER REVENUE	TOTAL NET OF PETROLEUM AND INVESTMENT EARNINGS	DF.RSENG

TABLE 10A. STATE GOVERNMENT VARIABLES
(MILL 03$)
2004 BASE CASE

	GENERAL FUND APPROPRIATIONS				ITEM: PERM FUND DIVIDEND APPROP	ITEM: LOCAL GOVT TRANSFERS	ITEM: PERSONAL INCOME TAX
	TOTAL	OPERATING	CAPITAL	DEBT SERVICE			
2000	$0	$0	$0	$0	$1,267	$0	$0
2001	$0	$0	$0	$0	$1,167	$0	$0
2002	$0	$0	$0	$0	$952	$0	$0
2003	$2,542	$2,242	$249	$51	$691	$1,219	$0
2004	$2,562	$2,255	$251	$56	$587	$1,221	$0
2005	$2,579	$2,273	$253	$54	$542	$1,248	$0
2006	$2,608	$2,300	$256	$53	$607	$1,217	$0
2007	$2,631	$2,322	$258	$51	$765	$1,187	$0
2008	$2,668	$2,356	$262	$49	$910	$1,161	$0
2009	$2,678	$2,367	$263	$48	$832	$1,133	$329
2010	$2,688	$2,377	$264	$47	$745	$1,142	$614
2011	$2,721	$2,408	$268	$45	$654	$1,156	$622
2012	$2,748	$2,447	$272	$30	$561	$1,153	$629
2013	$2,773	$2,476	$275	$22	$468	$1,167	$631
2014	$2,817	$2,507	$279	$32	$376	$1,181	$634
2015	$2,874	$2,542	$282	$49	$377	$1,196	$639
2016	$2,914	$2,572	$286	$57	$379	$1,209	$641
2017	$2,942	$2,604	$289	$48	$381	$1,224	$644
2018	$2,973	$2,646	$294	$32	$383	$1,241	$653
2019	$3,015	$2,689	$299	$27	$386	$1,258	$662
2020	$3,069	$2,730	$303	$35	$291	$1,275	$669
2021	$3,130	$2,774	$308	$48	$294	$1,294	$678
2022	$3,158	$2,796	$311	$52	$197	$1,306	$686
2023	$3,180	$2,817	$313	$50	$199	$1,318	$694
2024	$3,203	$2,839	$315	$49	$200	$1,331	$704
2025	$3,224	$2,859	$318	$48	$202	$1,342	$714
2026	$3,244	$2,878	$320	$46	$203	$1,353	$723
2027	$3,266	$2,899	$322	$45	$205	$1,364	$733
2028	$3,289	$2,921	$325	$44	$206	$1,375	$745
2029	$3,305	$2,943	$327	$35	$207	$1,387	$10
2030	$3,318	$2,966	$330	$22	$209	$1,399	$768

ANNUAL AVERAGE GROWTH RATE

2000-2010	ERR	ERR	ERR	ERR	-5.18%	ERR	ERR
2010-2020	1.33%	1.39%	1.39%	-2.82%	-8.96%	1.11%	0.87%
2020-2030	0.78%	0.83%	0.83%	-4.50%	-3.28%	0.93%	1.38%

2000-2020	ERR	ERR	ERR	ERR	-7.09%	ERR	ERR
2000-2030	ERR	ERR	ERR	ERR	-5.83%	ERR	ERR

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

TOTAL	TOTAL GENERAL FUND APPROPRIATIONS	DF.APGF
OPERATING	OPERATIONS	DF.APGFO
CAPITAL	CAPITAL	DF.APGFC
DEBT SERVICE	GENERAL OBLIGATION DEBT OF STATE	DF.EXDSS
PERM FUND DIVIDEND	PERMANENT FUND DIVIDEND ACCOUNT	DF.EXTRN
LOCAL GOVT TRANS	LOCAL GOVERNMENT TRANSFERS FROM STATE GENERAL FUND	DF.RLT99
PERSONAL INCOME TAX		

TABLE 11A. PERMANENT FUND
(MILL 03$)
2004 BASE CASE

	EARNINGS	USE OF EARNINGS			FUND ADDITIONS		END OF YEAR FUND BALANCE
		INFLATION PROOFING	GENERAL FUND	DIVIDEND ACCOUNT	PETROLEUM FORMULA BASED	SPECIAL APPRO-PRIATION	
2000	**$2,403**	($457)	$3	**$1,267**	**$353**	**$0**	**$25,459**
2001	**$1,257**	($719)	$4	**$1,167**	**$356**	**$0**	**$23,524**
2002	**$264**	($619)	$5	**$952**	**$265**	**$0**	**$23,023**
2003	$355	($352)	$0	$691	$289	$0	$23,349
2004	$1,729	$671	$0	$587	$337	$0	$23,388
2005	$1,788	$683	$0	$542	$292	$0	$23,726
2006	$1,851	$692	$0	$607	$258	$0	$24,032
2007	$1,888	$701	$422	$765	$196	$0	$24,276
2008	$1,882	$708	$264	$910	$165	$0	$24,489
2009	$1,879	$715	$332	$832	$162	$0	$24,699
2010	$1,876	$719	$412	$745	$170	$0	$24,869
2011	$1,879	$726	$499	$654	$180	$0	$25,099
2012	$1,886	$733	$593	$561	$186	$0	$25,336
2013	$1,893	$739	$686	$468	$184	$0	$25,571
2014	$1,904	$746	$782	$376	$183	$0	$25,806
2015	$1,915	$753	$785	$377	$180	$0	$26,038
2016	$1,926	$760	$787	$379	$178	$0	$26,269
2017	$1,937	$767	$789	$381	$177	$0	$26,499
2018	$1,951	$773	$794	$383	$175	$0	$26,728
2019	$1,967	$780	$801	$386	$169	$0	$26,953
2020	$1,983	$787	$905	$291	$164	$0	$27,172
2021	$1,999	$793	$912	$294	$159	$0	$27,386
2022	$2,014	$799	$1,017	$197	$154	$0	$27,597
2023	$2,029	$805	$1,024	$199	$149	$0	$27,803
2024	$2,043	$811	$1,032	$200	$145	$0	$28,005
2025	$2,058	$817	$1,039	$202	$140	$0	$28,203
2026	$2,072	$823	$1,045	$203	$136	$0	$28,398
2027	$2,086	$829	$1,052	$205	$132	$0	$28,590
2028	$2,099	$834	$1,059	$206	$129	$0	$28,778
2029	$2,113	$840	$1,065	$207	$125	$0	$28,963
2030	$2,126	$845	$1,072	$209	$122	$0	$29,146

ANNUAL AVERAGE GROWTH RATE

2000-2010	-2.44%	ERR	62.33%	-5.18%	-7.03%	ERR	-0.23%
2010-2020	0.56%	0.90%	8.19%	-8.96%	-0.37%	ERR	0.89%
2020-2030	0.70%	0.72%	1.70%	-3.28%	-2.93%	ERR	0.70%

2000-2020	-0.96%	ERR	32.52%	-7.09%	-3.76%	ERR	0.33%
2000-2030	-0.41%	ERR	21.33%	-5.83%	-3.48%	ERR	0.45%

MAP MODEL SIMULATION CEA04B
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EARNINGS	STATUTORY NET INCOME	DF.RSIP
INFLATION PROOFING	EARNINGS APPROPRIATED INTO PERMANENT FUND	DF.RSIPP
GENERAL FUND	EARNINGS APPROPRIATED TO GENERAL FUND	DF.RSIPG
DIVIDEND ACCOUNT	EARNINGS APPROPRIATED TO DIVIDEND ACCOUNT	DF.EXTRN
FORMULA-BASED	CONSTITUTIONALLY MANDATED PETROLEUM REVENUES	DF.RP7SP
SPECIAL APPROP	APPROPRIATIONS TO PF FROM GF	DF.XPFCX
FUND BALANCE	EXCLUDES EARNINGS RESERVE	DF.BALPF

TABLE 12A. CONSTITUTIONAL BUDGET RESERVE
(MILL 03$)
2004 BASE CASE

	CBR DRAW + AGENCY DIVIDEND	YEAR END CBR BALANCE
2000	$0	$0
2001	$0	$0
2002	$0	$0
2003	$411	$2,328
2004	$197	$2,286
2005	$540	$1,935
2006	$504	$1,608
2007	$429	$1,346
2008	$791	$714
2009	$488	$365
2010	$122	$370
2011	$100	$397
2012	$100	$425
2013	$100	$453
2014	$101	$481
2015	$101	$511
2016	$101	$540
2017	$101	$571
2018	$101	$601
2019	$140	$595
2020	$108	$619
2021	$178	$575
2022	$119	$587
2023	$148	$571
2024	$175	$528
2025	$201	$457
2026	$224	$361
2027	$246	$240
2028	$268	$93
2029	$194	$15
2030	$119	$10

ANNUAL AVERAGE GROWTH RATE		
2000-2010	ERR	ERR
2010-2020	-1.17%	5.30%
2020-2030	0.92%	-33.65%

2000-2020	ERR	ERR
2000-2030	ERR	ERR

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

CBR DRAW ANNUAL TRANSFER TO GENERAL FUND FROM CBR AND STATE AGEN(
CBR BALANCE YEAR END BALANCE

TABLE 13A. LOCAL GOVERNMENT REVENUES
(MILL 03$)
2004 BASE CASE

	TOTAL GENERAL REVENUE	INTERGOVERNMENTAL		TAXES: PETROLEUM PROPERTY	TAXES: OTHER PROPERTY	TAXES: NON-PROPERTY	CHARGES & MISC
		STATE TRANSFERS	FEDERAL TRANSFERS				
2000	$0	$0	$0	$0	$0	$0	$0
2001	$0	$0	$0	$0	$0	$0	$0
2002	$0	$0	$0	$0	$0	$0	$0
2003	$3,221	$1,219	$145	$239	$603	$183	$830
2004	$3,181	$1,221	$144	$225	$591	$188	$813
2005	$3,215	$1,248	$145	$209	$616	$191	$805
2006	$3,164	$1,217	$146	$186	$627	$196	$792
2007	$3,160	$1,187	$147	$172	$666	$202	$785
2008	$3,141	$1,161	$148	$159	$688	$206	$779
2009	$3,120	$1,133	$149	$151	$701	$211	$775
2010	$3,165	$1,142	$150	$146	$743	$211	$773
2011	$3,173	$1,156	$151	$139	$745	$213	$769
2012	$3,178	$1,153	$152	$135	$753	$218	$768
2013	$3,227	$1,167	$153	$128	$795	$220	$765
2014	$3,245	$1,181	$154	$121	$804	$222	$763
2015	$3,262	$1,196	$155	$114	$812	$226	$760
2016	$3,317	$1,209	$156	$111	$852	$230	$760
2017	$3,347	$1,224	$157	$108	$868	$231	$759
2018	$3,372	$1,241	$158	$105	$874	$236	$759
2019	$3,410	$1,258	$159	$102	$891	$241	$758
2020	$3,450	$1,275	$160	$99	$911	$246	$758
2021	$3,489	$1,294	$161	$96	$929	$250	$758
2022	$3,522	$1,306	$162	$94	$945	$256	$758
2023	$3,558	$1,318	$164	$91	$967	$260	$758
2024	$3,590	$1,331	$165	$89	$982	$266	$758
2025	$3,629	$1,342	$166	$86	$1,004	$272	$758
2026	$3,667	$1,353	$167	$84	$1,028	$277	$758
2027	$3,703	$1,364	$168	$82	$1,048	$283	$758
2028	$3,743	$1,375	$169	$80	$1,070	$290	$758
2029	$3,785	$1,387	$171	$77	$1,095	$297	$758
2030	$3,829	$1,399	$172	$75	$1,121	$304	$759

ANNUAL AVERAGE GROWTH RATE

2000-2010	ERR	ERR	ERR	ERR	ERR	ERR	ERR
2010-2020	0.87%	1.11%	0.69%	-3.82%	2.06%	1.53%	-0.19%
2020-2030	1.05%	0.93%	0.69%	-2.71%	2.10%	2.14%	0.00%

2000-2020	ERR	ERR	ERR	ERR	ERR	ERR	ERR
2000-2030	ERR	ERR	ERR	ERR	ERR	ERR	ERR

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

TOTAL GENERAL REVENUE	TOTAL GENERAL REVENUE (USDC)	DF.RL99
STATE TRANSFERS	TRANSFERS FROM STATE GOVERNMENT	DF.RLT99
FEDERAL TRANSFERS	TRANSFERS DIRECTLY FROM FEDERAL GOVERNMENT	DF.RLTF
PETROLEUM PROPERTY	LOCAL SHARE OF STATE ADMINISTERED TAX	DF.RLPTP
OTHER PROP TAX	NON-PETROLEUM PROPERTY	DF.RLPTN
OTHER TAXES	OTHER TAXES	DF.RLOT
CHARGES & MISC	INCLUDES REVENUES TO SERVICE BONDS	DF.RLMC

TABLE 14A. REAL PERSONAL INCOME
(MILL 03$)
2004 BASE CASE

	WAGE AND SALARY PAYMENTS	NET EARNINGS	RESIDENCE ADJUSTMENT	DIVIDENDS, INTEREST, RENT	TRANSFERS	TOTAL PERSONAL INCOME	DISPOSABLE PERSONAL INCOME
2000	**$11,598**	**$14,341**	**$959**	**$3,363**	**$3,341**	**$20,267**	**$17,932**
2001	**$11,898**	**$15,271**	**$983**	**$3,447**	**$3,391**	**$21,125**	**$18,754**
2002	**$12,214**	**$15,775**	**$1,011**	**$3,413**	**$3,459**	**$21,636**	**$19,552**
2003	$12,341	$15,912	$929	$3,311	$3,350	$21,644	$18,739
2004	$12,406	$15,966	$932	$3,315	$3,255	$21,603	$18,685
2005	$12,702	$16,306	$949	$3,366	$3,288	$22,010	$19,017
2006	$12,907	$16,540	$966	$3,423	$3,641	$22,639	$19,539
2007	$12,952	$16,583	$969	$3,502	$3,887	$23,003	$19,840
2008	$13,142	$16,793	$1,032	$3,571	$4,129	$23,460	$20,221
2009	$13,126	$16,755	$1,056	$3,648	$4,116	$23,462	$19,745
2010	$13,229	$16,866	$1,068	$3,681	$4,100	$23,580	$19,824
2011	$13,564	$17,247	$1,122	$3,723	$4,111	$23,958	$20,118
2012	$13,714	$17,413	$1,136	$3,797	$4,120	$24,194	$20,297
2013	$13,792	$17,498	$1,147	$3,884	$4,123	$24,358	$20,415
2014	$13,987	$17,717	$1,165	$3,957	$4,135	$24,644	$20,633
2015	$14,129	$17,877	$1,151	$4,034	$4,249	$25,009	$20,921
2016	$14,166	$17,915	$1,129	$4,118	$4,214	$25,119	$21,001
2017	$14,381	$18,158	$1,148	$4,195	$4,338	$25,543	$21,336
2018	$14,623	$18,433	$1,169	$4,277	$4,472	$26,013	$21,709
2019	$14,810	$18,645	$1,187	$4,375	$4,606	$26,439	$22,045
2020	$15,052	$18,917	$1,208	$4,476	$4,641	$26,826	$22,344
2021	$15,332	$19,236	$1,232	$4,576	$4,781	$27,360	$22,767
2022	$15,520	$19,449	$1,251	$4,681	$4,814	$27,693	$23,020
2023	$15,796	$19,762	$1,275	$4,786	$4,951	$28,224	$23,440
2024	$16,094	$20,098	$1,301	$4,891	$5,090	$28,778	$23,878
2025	$16,308	$20,340	$1,322	$5,001	$5,223	$29,242	$24,240
2026	$16,586	$20,653	$1,346	$5,108	$5,354	$29,768	$24,653
2027	$16,912	$21,020	$1,375	$5,212	$5,489	$30,346	$25,107
2028	$17,250	$21,402	$1,404	$5,322	$5,625	$30,945	$25,579
2029	$17,603	$21,801	$1,435	$5,440	$5,763	$31,568	$26,068
2030	$17,977	$22,222	$1,467	$5,561	$5,901	$32,218	$26,579

ANNUAL AVERAGE GROWTH RATE

2000-2010	1.32%	1.63%	1.08%	0.91%	2.07%	1.53%	1.01%
2010-2020	1.30%	1.15%	1.24%	1.97%	1.25%	1.30%	1.20%
2020-2030	1.79%	1.62%	1.96%	2.19%	2.43%	1.85%	1.75%

2000-2020	1.31%	1.39%	1.16%	1.44%	1.66%	1.41%	1.11%
2000-2030	1.47%	1.47%	1.43%	1.69%	1.91%	1.56%	1.32%

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

WAGE AND SALARIES	NON-AGRICULTURAL WAGES AND SALARIES PLUS MILITARY	DF.PIWS
NET EARNINGS	NET LABOR AND PROPRIETORS INCOME BY PLACE OF WORK	DF.PINE
RESIDENCE ADJ	RESIDENCE ADJUSTMENT	DF.PIRAD
DIVIDEND, INTEREST	DIVIDENDS, INTEREST, RENTS	DF.PIDIR
TRANSFERS	TRANSFERS	DF.PITRAN
TOTAL PI	TOTAL PERSONAL INCOME	DF.PIB
DISPOSABLE PI	DISPOSABLE PERSONAL INCOME	DF.DPIB

TABLE 15A. PER CAPITA VARIABLES
(03 $)
2004 BASE CASE

	TOTAL INCOME	DISPOSABLE INCOME	STATE GENERAL FUND EXPENDITURES	LOCAL REVENUES (= EXPEND)	PERMANENT FUND DIVIDEND	AVERAGE CIVILIAN WAGE RATE	'ERMANENT FUND BALANCE
2000	**$32,327**	**$28,603**	$0	$0	**$2,022**	**$37,542**	**$40,610**
2001	**$33,390**	**$29,643**	$0	$0	**$1,845**	**$37,474**	**$37,182**
2002	**$33,728**	**$30,480**	$0	$0	**$1,484**	**$37,740**	**$35,890**
2003	$33,321	$28,848	$3,903	$4,958	$1,063	$37,118	$35,945
2004	$32,975	$28,520	$3,897	$4,855	$897	$36,638	$35,698
2005	$33,246	$28,724	$3,887	$4,856	$818	$36,836	$35,837
2006	$33,637	$29,031	$3,865	$4,701	$902	$37,076	$35,706
2007	$33,737	$29,098	$3,849	$4,634	$1,122	$37,230	$35,604
2008	$33,897	$29,217	$3,843	$4,538	$1,314	$37,584	$35,382
2009	$33,746	$28,399	$3,843	$4,487	$1,196	$37,968	$35,525
2010	$33,764	$28,385	$3,840	$4,532	$1,066	$38,201	$35,610
2011	$33,849	$28,424	$3,834	$4,483	$924	$38,651	$35,462
2012	$33,632	$28,214	$3,809	$4,418	$779	$38,828	$35,219
2013	$33,451	$28,036	$3,797	$4,432	$643	$38,963	$35,117
2014	$33,410	$27,973	$3,809	$4,399	$509	$39,193	$34,985
2015	$33,424	$27,961	$3,830	$4,360	$504	$39,295	$34,800
2016	$33,173	$27,734	$3,839	$4,381	$500	$39,336	$34,692
2017	$33,297	$27,813	$3,825	$4,363	$497	$39,531	$34,544
2018	$33,358	$27,839	$3,801	$4,324	$492	$39,732	$34,276
2019	$33,350	$27,807	$3,792	$4,302	$487	$39,892	$33,998
2020	$33,315	$27,748	$3,800	$4,284	$362	$40,129	$33,744
2021	$33,423	$27,812	$3,813	$4,262	$359	$40,339	$33,456
2022	$33,298	$27,680	$3,788	$4,234	$237	$40,493	$33,182
2023	$33,427	$27,761	$3,757	$4,214	$235	$40,713	$32,928
2024	$33,544	$27,832	$3,725	$4,184	$234	$40,944	$32,643
2025	$33,586	$27,841	$3,695	$4,168	$232	$41,127	$32,393
2026	$33,727	$27,932	$3,667	$4,155	$230	$41,372	$32,174
2027	$33,885	$28,036	$3,638	$4,135	$229	$41,623	$31,924
2028	$34,026	$28,125	$3,608	$4,116	$227	$41,879	$31,642
2029	$34,169	$28,216	$3,569	$4,097	$225	$42,139	$31,350
2030	$34,319	$28,312	$3,526	$4,079	$222	$42,411	$31,046

ANNUAL AVERAGE GROWTH RATE

2000-2010	0.44%	-0.08%	ERR	ERR	-6.20%	0.17%	-1.31%
2010-2020	-0.13%	-0.23%	-0.10%	-0.56%	-10.24%	0.49%	-0.54%
2020-2030	0.30%	0.20%	-0.75%	-0.49%	-4.75%	0.55%	-0.83%
2000-2020	0.15%	-0.15%	ERR	ERR	-8.24%	0.33%	-0.92%
2000-2030	0.20%	-0.03%	ERR	ERR	-7.09%	0.41%	-0.89%

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

TOTAL INCOME	PER CAPITA PERSONAL INCOME	DP.PIB
DISPOSABLE INCOME	PER CAPITA DISPOSABLE PERSONAL INCOME	DP.DPIB
GENERAL FUND EX LOCAL REVENUES	PER CAPITA GENERAL FUND EXPENDITURES	DP.EXGFB
PERM FUND DIVIDEND	PER CAPITA DIVIDEND (NOT ALL ALASKANS RECEIVE DIVIDEND)	DP.EXTRN
AVG CIV WAGE RATE	AVERAGE ANNUAL CIVILIAN WAGE	DF.WR97
PERM FUND BALANCE	PER CAPITA YEAR END PERMANENT FUND BALANCE	DP.BALPF

TABLE 16A. PRICE INDEXES
2004 BASE CASE

	ANCHORAGE CPI-W (82-84=100)	ANCHORAGE/ US AVERAGE PRICE LEVEL	INFLATION RATE ANCH CPI-W
2000	**151.1**	0.00	**2.23%**
2001	**155.8**	0.00	**3.11%**
2002	**158.9**	**1.12**	**1.99%**
2003	163.4	1.12	2.83%
2004	170.5	1.12	4.34%
2005	175.3	1.11	2.79%
2006	180.1	1.11	2.79%
2007	185.2	1.11	2.80%
2008	190.4	1.11	2.79%
2009	195.7	1.10	2.80%
2010	201.6	1.10	3.00%
2011	207.2	1.10	2.79%
2012	213.0	1.10	2.79%
2013	218.9	1.10	2.79%
2014	225.0	1.10	2.79%
2015	231.3	1.09	2.79%
2016	237.8	1.09	2.79%
2017	244.4	1.09	2.79%
2018	251.2	1.09	2.79%
2019	258.2	1.08	2.79%
2020	265.4	1.08	2.79%
2021	272.8	1.08	2.79%
2022	280.4	1.08	2.79%
2023	288.3	1.08	2.79%
2024	296.3	1.07	2.79%
2025	304.6	1.07	2.79%
2026	313.0	1.07	2.79%
2027	321.8	1.07	2.79%
2028	330.7	1.06	2.79%
2029	339.9	1.06	2.78%
2030	349.4	1.06	2.78%

ANNUAL AVERAGE GROWTH RATE

2000-2010	2.92%	ERR	X
2010-2020	2.79%	-0.20%	X
2020-2030	2.79%	-0.21%	X

2000-2020	2.86%	ERR	X
2000-2030	2.83%	ERR	X

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

ANCHORAGE CPI	CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS CPI-W -- 1982-1984 =100	PDANCPI
ANCH/US PRICE LEVEL	RATIO OF ANCHORAGE TO US AVG. PRICE LEVEL	PDRATIO
INFLATION RATE	ANNUAL CHANGE IN CPI-W	G.ANCPI

TABLE 17A. DEMOGRAPHIC INDEXES
2004 BASE CASE

	UNEMPLOY-MENT RATE	LABOR FORCE PART RATE	DEPEND-ENCY RATIO	AVERAGE HOUSEHOLD SIZE	AVERAGE AGE OF POP	POP % 65+	NON-RESIDENT WORKERS (000)
2000	0.0%	0.0%	0.00	0.00	0.0	0.0%	0.0
2001	0.0%	0.0%	0.64	0.00	32.4	0.0%	0.0
2002	0.0%	0.0%	0.64	0.00	32.6	0.0%	0.0
2003	7.6%	67.6%	0.63	2.70	32.7	6.5%	30.0
2004	7.2%	67.2%	0.64	2.69	32.9	6.9%	33.0
2005	6.3%	66.8%	0.64	2.68	33.1	7.2%	33.0
2006	6.2%	66.6%	0.64	2.67	33.3	7.5%	32.0
2007	6.4%	66.3%	0.64	2.66	33.4	7.8%	29.4
2008	6.8%	66.1%	0.64	2.65	33.6	8.2%	29.1
2009	7.9%	65.7%	0.65	2.64	33.7	8.5%	28.8
2010	7.3%	65.3%	0.65	2.63	33.9	8.9%	28.6
2011	6.4%	65.0%	0.66	2.62	34.0	9.3%	28.4
2012	6.7%	64.8%	0.67	2.62	34.1	9.6%	28.2
2013	6.9%	64.5%	0.68	2.61	34.2	9.9%	28.0
2014	6.6%	64.2%	0.68	2.61	34.3	10.3%	27.8
2015	6.6%	63.9%	0.69	2.60	34.3	10.6%	27.6
2016	6.9%	63.6%	0.70	2.60	34.4	11.0%	27.4
2017	6.5%	63.4%	0.71	2.60	34.5	11.3%	27.2
2018	6.4%	63.1%	0.72	2.59	34.5	11.6%	27.1
2019	6.5%	63.0%	0.73	2.59	34.6	11.9%	27.0
2020	6.5%	62.8%	0.74	2.59	34.6	12.2%	26.8
2021	6.4%	62.7%	0.74	2.59	34.6	12.4%	26.7
2022	6.6%	62.6%	0.75	2.58	34.7	12.7%	26.6
2023	6.5%	62.5%	0.76	2.58	34.7	12.9%	26.5
2024	6.4%	62.4%	0.76	2.58	34.7	13.1%	26.4
2025	6.6%	62.3%	0.77	2.58	34.8	13.2%	26.3
2026	6.6%	62.3%	0.77	2.57	34.8	13.4%	26.3
2027	6.5%	62.3%	0.77	2.57	34.9	13.5%	26.2
2028	6.5%	62.3%	0.78	2.57	34.9	13.6%	26.1
2029	6.4%	62.3%	0.78	2.56	34.9	13.7%	26.0
2030	6.4%	62.3%	0.78	2.56	34.9	13.7%	26.0

ANNUAL AVERAGE GROWTH RATE

2000-2010	ERR	ERR	ERR	ERR	ERR	ERR	ERR
2010-2020	-1.07%	-0.39%	1.20%	-0.16%	0.21%	3.15%	-0.63%
2020-2030	-0.17%	-0.08%	0.52%	-0.10%	0.09%	1.18%	-0.33%

2000-2020	ERR	ERR	ERR	ERR	ERR	ERR	ERR
2000-2030	ERR	ERR	ERR	ERR	ERR	ERR	ERR

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

UNEMPLOYMENT RATE		UNEMRAT6
LABOR FORCE PART RATE	CIVILIAN LABOR FORCE PARTICIPATION RATE, US CENSUS DEFINITION	LAFPRT2
DEPENDENCY RATIO	POPULATION <16 AND >64 / ADULTS	POP.DEP
HOUSEHOLD SIZE		HHSIZE
AVERAGE AGE OF POP		POPAVAGE
POP % 65+	PERCENT OF POPULATION 65+	
NON RESIDENT WORKERS	VARIABLE CREATED BY MODEL	EMNONRES

TABLE 18A. GROSS STATE PRODUCT
(MILL 82 US $)
2004 BASE CASE

	GSP NET OIL AND MINING
2000	$0
2001	$0
2002	$0
2003	$9,699
2004	$9,841
2005	$9,992
2006	$10,137
2007	$10,180
2008	$10,330
2009	$10,222
2010	$10,259
2011	$10,401
2012	$10,479
2013	$10,539
2014	$10,647
2015	$10,720
2016	$10,724
2017	$10,851
2018	$11,000
2019	$11,137
2020	$11,275
2021	$11,445
2022	$11,565
2023	$11,730
2024	$11,907
2025	$12,053
2026	$12,214
2027	$12,401
2028	$12,595
2029	$12,796
2030	$13,008

ANNUAL AVERAGE GROWTH RATE

2000-2010	ERR
2010-2020	0.95%
2020-2030	1.44%

2000-2020	ERR
2000-2030	ERR

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

GSP NET OIL AND GAS GROSS PRODUCT DEFLATED TO US AVERAGE PRICE LEVEL

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

REGIONAL ECONOMIC PROJECTIONS

BASE CASE

TABLE 1A. ANCHORAGE BOROUGH CENSUS AREA
BASE CASE
2004

	WAGE & SALARY EMP (000)	POPULA-TION (000)	HOUSE-HOLDS (000)	REAL PERSONAL INCOME (MILL 03$)	REAL PER CAP PERSONAL INCOME (MILL 03$)
2000	**130.9**	**260.3**	**94.8**	**$9,493**	**$36,434**
2001	**134.9**	**264.1**		**$10,079**	**$38,182**
2002	**137.9**	**268.7**		**$10,328**	**$38,502**
2003	139.7	**274.2**	102.4	$10,318	$37,632
2004	142.6	277.5	104.0	$10,347	$37,284
2005	145.0	281.5	105.8	$10,582	$37,593
2006	146.8	286.2	108.0	$10,882	$38,022
2007	147.1	289.5	109.6	$11,046	$38,162
2008	147.8	293.5	111.5	$11,239	$38,296
2009	145.5	293.3	111.9	$11,214	$38,230
2010	145.7	293.6	112.4	$11,238	$38,278
2011	147.0	297.0	114.0	$11,379	$38,316
2012	148.1	301.1	115.8	$11,483	$38,132
2013	148.8	303.9	117.1	$11,547	$37,990
2014	150.1	307.1	118.5	$11,667	$37,992
2015	151.5	310.6	120.1	$11,823	$38,066
2016	152.0	313.2	121.2	$11,862	$37,878
2017	153.6	316.4	122.7	$12,033	$38,033
2018	155.6	320.9	124.5	$12,231	$38,119
2019	157.3	325.4	126.4	$12,408	$38,133
2020	159.1	329.6	128.1	$12,572	$38,142
2021	161.3	334.2	130.0	$12,794	$38,284
2022	163.0	338.5	131.8	$12,926	$38,189
2023	165.1	342.6	133.6	$13,143	$38,357
2024	167.3	347.2	135.5	$13,371	$38,511
2025	169.1	351.3	137.2	$13,555	$38,588
2026	171.1	355.0	138.8	$13,766	$38,777
2027	173.4	359.2	140.6	$14,000	$38,978
2028	175.8	363.7	142.5	$14,243	$39,160
2029	178.4	368.4	144.4	$14,496	$39,347
2030	181.1	373.3	146.5	$14,760	$39,540

ANNUAL AVERAGE GROWTH RATE

2000-2010	1.08%	1.21%	1.72%	1.70%	0.50%
2010-2020	0.88%	1.16%	1.32%	1.13%	-0.04%
2020-2030	1.30%	1.25%	1.35%	1.62%	0.36%

2000-2020	0.98%	1.19%	1.52%	1.41%	0.23%
2000-2030	1.09%	1.21%	1.46%	1.48%	0.27%

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

TABLE 2A. MATANUSKA-SUSITNA BOROUGH CENSUS AREA
BASE CASE
2004

	WAGE & SALARY EMP (000)	POPULA-TION (000)	HOUSE-HOLDS (000)	REAL PERSONAL INCOME (MILL 03$)	REAL PER CAP PERSONAL INCOME (MILL 03$)
2000	**12.4**	**59.3**	**20.6**	**$1,678**	**$28,014**
2001	**12.9**	**61.8**		**$1,810**	**$29,096**
2002	**13.9**	**64.3**		**$1,883**	**$28,925**
2003	15.0	**67.5**	23.9	$1,896	$28,099
2004	15.7	69.4	24.8	$1,933	$27,842
2005	16.2	70.9	25.4	$1,991	$28,060
2006	16.8	73.4	26.3	$2,082	$28,374
2007	17.4	76.1	27.4	$2,162	$28,404
2008	18.3	79.5	28.8	$2,259	$28,412
2009	18.6	82.1	29.8	$2,309	$28,137
2010	19.2	84.3	30.7	$2,373	$28,160
2011	19.9	87.0	31.8	$2,447	$28,110
2012	20.6	90.0	32.9	$2,514	$27,940
2013	21.2	92.7	34.0	$2,578	$27,803
2014	21.9	95.4	35.1	$2,652	$27,792
2015	22.6	98.2	36.1	$2,738	$27,883
2016	23.1	100.7	37.1	$2,790	$27,718
2017	23.9	103.4	38.2	$2,878	$27,842
2018	24.7	106.5	39.4	$2,974	$27,919
2019	25.7	110.1	40.7	$3,079	$27,952
2020	26.6	113.7	42.1	$3,177	$27,939
2021	27.7	117.5	43.5	$3,297	$28,069
2022	28.6	121.2	45.0	$3,393	$27,988
2023	29.7	125.0	46.4	$3,517	$28,127
2024	30.9	129.1	48.0	$3,648	$28,261
2025	32.1	133.4	49.6	$3,781	$28,338
2026	33.4	137.7	51.3	$3,924	$28,491
2027	34.7	142.1	53.0	$4,075	$28,670
2028	36.1	146.7	54.7	$4,229	$28,827
2029	37.6	151.4	56.5	$4,389	$28,983
2030	39.1	156.3	58.4	$4,556	$29,145

ANNUAL AVERAGE GROWTH RATE

2000-2010	4.50%	3.57%	4.09%	3.52%	0.05%
2010-2020	3.32%	3.04%	3.21%	2.96%	-0.08%
2020-2030	3.91%	3.23%	3.33%	3.67%	0.42%

2000-2020	3.91%	3.31%	3.65%	3.24%	-0.01%
2000-2030	3.91%	3.28%	3.54%	3.39%	0.13%

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

TABLE 3A. KENAI PENINSULA BOROUGH CENSUS AREA
BASE CASE
2004

	WAGE & SALARY EMP (000)	POPULA-TION (000)	HOUSE-HOLDS (000)	REAL PERSONAL INCOME (MILL 03$)	REAL PER CAP PERSONAL INCOME (MILL 03$)
2000	**17.3**	**49.7**	**18.4**	**$1,512**	**$30,452**
2001	**17.4**	**50.1**		**$1,541**	**$30,740**
2002	**17.6**	**50.5**		**$1,575**	**$30,926**
2003	17.9	**51.2**	19.5	$1,563	$30,510
2004	18.1	51.5	19.7	$1,557	$30,225
2005	18.2	51.6	19.8	$1,573	$30,462
2006	18.3	52.3	20.1	$1,611	$30,802
2007	18.3	52.9	20.4	$1,635	$30,913
2008	18.5	53.9	20.9	$1,668	$30,949
2009	18.3	54.1	21.0	$1,672	$30,873
2010	18.3	54.5	21.2	$1,681	$30,867
2011	18.6	55.5	21.7	$1,707	$30,764
2012	18.8	56.5	22.1	$1,731	$30,622
2013	19.0	57.2	22.5	$1,747	$30,519
2014	19.2	58.0	22.8	$1,768	$30,504
2015	19.4	58.6	23.1	$1,794	$30,605
2016	19.5	59.1	23.3	$1,800	$30,473
2017	19.7	59.7	23.6	$1,826	$30,589
2018	20.0	60.6	24.0	$1,857	$30,649
2019	20.2	61.6	24.4	$1,889	$30,672
2020	20.5	62.5	24.8	$1,916	$30,660
2021	20.8	63.5	25.2	$1,954	$30,781
2022	21.1	64.4	25.6	$1,978	$30,705
2023	21.4	65.3	26.0	$2,015	$30,846
2024	21.7	66.3	26.4	$2,054	$30,969
2025	22.0	67.3	26.8	$2,088	$31,040
2026	22.3	68.1	27.2	$2,125	$31,187
2027	22.7	69.1	27.6	$2,165	$31,344
2028	23.0	70.1	28.0	$2,207	$31,484
2029	23.4	71.1	28.4	$2,250	$31,627
2030	23.8	72.2	28.9	$2,295	$31,775

ANNUAL AVERAGE GROWTH RATE

2000-2010	0.58%	0.92%	1.42%	1.06%	0.14%
2010-2020	1.11%	1.39%	1.55%	1.32%	-0.07%
2020-2030	1.51%	1.46%	1.56%	1.82%	0.36%

2000-2020	0.85%	1.15%	1.48%	1.19%	0.03%
2000-2030	1.07%	1.25%	1.51%	1.40%	0.14%

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

TABLE 4A. BALANCE OF STATE
BASE CASE
2004

	WAGE & SALARY EMP (000)	POPULA-TION (000)	HOUSE-HOLDS (000)	REAL PERSONAL INCOME (MILL 03$)	REAL PER CAP PERSONAL INCOME (MILL 03$)
2000	**120.1**	**257.6**	**87.8**	**$7,584**	**$29,855**
2001	**122.8**	**256.8**		**$7,695**	**$30,418**
2002	**122.8**	**258.0**		**$7,850**	**$30,914**
2003	124.0	**256.7**	87.1	$7,867	$30,648
2004	125.5	256.7	87.5	$7,766	$30,256
2005	126.6	258.0	88.2	$7,864	$30,485
2006	127.6	261.2	89.7	$8,064	$30,877
2007	126.8	263.4	90.8	$8,159	$30,982
2008	127.2	265.2	91.7	$8,294	$31,272
2009	125.9	265.7	92.2	$8,268	$31,113
2010	126.5	266.1	92.6	$8,288	$31,149
2011	129.3	268.3	93.5	$8,424	$31,404
2012	129.8	271.8	95.0	$8,467	$31,157
2013	129.9	274.3	96.1	$8,486	$30,942
2014	130.8	277.1	97.3	$8,557	$30,875
2015	131.3	280.8	98.8	$8,653	$30,816
2016	131.5	284.3	100.2	$8,666	$30,483
2017	132.8	287.7	101.6	$8,806	$30,611
2018	134.3	291.8	103.2	$8,950	$30,673
2019	135.3	295.7	104.7	$9,063	$30,653
2020	136.4	299.4	106.2	$9,161	$30,597
2021	138.0	303.5	107.7	$9,315	$30,695
2022	139.1	307.5	109.3	$9,396	$30,552
2023	140.6	311.3	110.8	$9,549	$30,672
2024	142.2	315.3	112.4	$9,705	$30,780
2025	143.1	318.7	113.8	$9,819	$30,807
2026	144.2	321.7	115.0	$9,953	$30,934
2027	145.8	325.2	116.4	$10,106	$31,079
2028	147.5	329.0	117.9	$10,267	$31,209
2029	149.2	332.9	119.5	$10,433	$31,342
2030	151.1	336.9	121.1	$10,606	$31,480

ANNUAL AVERAGE GROWTH RATE

2000-2010	0.52%	0.32%	0.53%	0.89%	0.43%
2010-2020	0.75%	1.19%	1.38%	1.01%	-0.18%
2020-2030	1.03%	1.19%	1.32%	1.48%	0.28%

2000-2020	0.64%	0.75%	0.96%	0.95%	0.12%
2000-2030	0.77%	0.90%	1.08%	1.12%	0.18%

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

TABLE 5A. TOTAL HOUSEHOLDS
[OCCUPIED PRIMARY RESIDENCES SERVED--YEAR END]

ELECTRIC UTILITY SERVICE TERRITORY
(THOUSANDS)

BASE CASE
2004

	CHUGACH ELECTRIC	MATANUSKA ELECTRIC ASSN.	ANCHORAGE MUNICIPAL LIGHT AND POWER	HOMER ELECTRIC ASSN.	TOTAL
2000					
2001					
2002	**62.77**	**32.89**	**25.72**	**16.65**	**138.02**
2003	64.11	35.36	26.02	16.96	142.45
2004	65.30	36.44	26.13	17.11	144.97
2005	66.55	37.34	26.24	17.20	147.32
2006	68.19	38.67	26.38	17.48	150.72
2007	69.42	40.04	26.48	17.75	153.70
2008	70.85	41.68	26.60	18.15	157.28
2009	71.15	42.77	26.62	18.31	158.84
2010	71.51	43.74	26.65	18.48	160.38
2011	72.71	45.10	26.73	18.88	163.43
2012	74.10	46.54	26.83	19.26	166.74
2013	75.11	47.84	26.90	19.55	169.40
2014	76.19	49.13	26.97	19.83	172.13
2015	77.37	50.46	27.04	20.09	174.97
2016	78.28	51.63	27.10	20.28	177.28
2017	79.37	52.90	27.16	20.52	179.95
2018	80.80	54.43	27.24	20.85	183.32
2019	82.25	56.12	27.31	21.20	186.89
2020	83.62	57.77	27.38	21.54	190.31
2021	85.09	59.51	27.45	21.90	193.95
2022	86.48	61.25	27.51	22.24	197.48
2023	87.84	63.00	27.57	22.58	201.00
2024	89.33	64.87	27.63	22.94	204.76
2025	90.68	66.80	27.67	23.30	208.46
2026	91.95	68.73	27.72	23.63	212.02
2027	93.33	70.71	27.76	23.98	215.78
2028	94.83	72.78	27.80	24.35	219.76
2029	96.39	74.91	27.84	24.74	223.88
2030	98.00	77.12	27.88	25.14	228.15

ANNUAL AVERAGE GROWTH RATE

2000-2010	ERR	ERR	ERR	ERR	ERR
2010-2020	1.58%	2.82%	0.27%	1.55%	1.73%
2020-2030	1.60%	2.93%	0.18%	1.56%	1.83%

2000-2020	ERR	ERR	ERR	ERR	ERR
2000-2030	ERR	ERR	ERR	ERR	ERR

MAP MODEL SIMULATION CEA04B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED August 2, 2004

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

SENSITIVITY CASE 1

GENERIC KENAI GAS MANUFACTURING SHUTDOWN

2004 IMPACT CASE
GENERIC KENAI GAS MANUFACTURING SHUTDOWN

TABLE 1A. STATE SUMMARY
CHANGE FROM BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOY (000)	WAGE AND SALARY EMPLOY (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	0.0	0.0	0.0	0.0	$0	$0
2001	0.0	0.0	0.0	0.0	$0	$0
2002	0.0	0.0	0.0	0.0	$0	$0
2003	0.0	0.0	0.0	0.0	$0	$0
2004	0.0	0.0	0.0	0.0	$0	$0
2005	0.0	0.0	0.0	0.0	$1	$0
2006	0.0	0.0	0.0	0.0	$1	$0
2007	0.0	0.0	0.0	0.0	$1	$0
2008	0.0	0.0	0.0	0.0	$1	$0
2009	0.0	0.0	0.0	0.0	$1	$0
2010	-0.8	-0.3	-1.0	-0.8	($54)	$0
2011	-1.8	-0.6	-1.4	-1.1	($74)	($0)
2012	-2.5	-0.9	-1.7	-1.3	($89)	($0)
2013	-2.9	-1.0	-1.8	-1.4	($100)	($0)
2014	-3.1	-1.1	-2.0	-1.5	($106)	($0)
2015	-3.3	-1.2	-2.0	-1.5	($111)	($0)
2016	-3.4	-1.2	-2.1	-1.6	($115)	($0)
2017	-3.5	-1.2	-2.1	-1.6	($118)	($0)
2018	-3.6	-1.3	-2.2	-1.6	($121)	($0)
2019	-3.6	-1.3	-2.2	-1.6	($123)	($0)
2020	-3.6	-1.3	-2.2	-1.7	($125)	($0)
2021	-3.7	-1.3	-2.2	-1.7	($127)	($0)
2022	-3.7	-1.4	-2.2	-1.7	($129)	($0)
2023	-3.8	-1.4	-2.3	-1.7	($132)	($0)
2024	-3.8	-1.4	-2.3	-1.7	($134)	($0)
2025	-3.8	-1.4	-2.3	-1.7	($136)	($0)
2026	-3.9	-1.5	-2.3	-1.8	($138)	($0)
2027	-3.9	-1.5	-2.4	-1.8	($141)	($0)
2028	-3.9	-1.5	-2.4	-1.8	($143)	($0)
2029	-4.0	-1.5	-2.4	-1.8	($146)	($0)
2030	-4.1	-1.6	-2.5	-1.8	($149)	($0)

LNG AND AMMONIA UREA PLANTS AT NIKISKI CLOSE IN 2010
TAX REVENUE LOSS LEADS TO CUTS IN LOCAL GOVT

2004 IMPACT CASE
GENERIC KENAI GAS MANUFACTURING SHUTDOWN

TABLE 1B. PROJECTION SUMMARY
PERCENT CHANGE FROM BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOY (000)	WAGE AND SALARY EMPLOY (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	0.0%	0.0%	ERR	ERR	ERR	ERR
2001	0.0%	0.0%	ERR	ERR	ERR	ERR
2002	0.0%	0.0%	ERR	0.0%	ERR	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2009	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2010	-0.1%	-0.1%	-0.2%	-0.3%	-0.2%	0.0%
2011	-0.3%	-0.2%	-0.3%	-0.3%	-0.3%	-0.0%
2012	-0.4%	-0.3%	-0.4%	-0.4%	-0.4%	-0.0%
2013	-0.4%	-0.4%	-0.4%	-0.4%	-0.4%	-0.0%
2014	-0.4%	-0.4%	-0.4%	-0.5%	-0.4%	-0.0%
2015	-0.4%	-0.4%	-0.4%	-0.5%	-0.4%	-0.0%
2016	-0.4%	-0.4%	-0.5%	-0.5%	-0.5%	-0.0%
2017	-0.5%	-0.4%	-0.5%	-0.5%	-0.5%	-0.0%
2018	-0.5%	-0.4%	-0.5%	-0.5%	-0.5%	-0.0%
2019	-0.5%	-0.4%	-0.5%	-0.5%	-0.5%	-0.0%
2020	-0.5%	-0.4%	-0.5%	-0.5%	-0.5%	-0.0%
2021	-0.4%	-0.4%	-0.5%	-0.5%	-0.5%	-0.0%
2022	-0.4%	-0.4%	-0.5%	-0.5%	-0.5%	-0.0%
2023	-0.4%	-0.4%	-0.5%	-0.5%	-0.5%	-0.0%
2024	-0.4%	-0.4%	-0.5%	-0.5%	-0.5%	-0.0%
2025	-0.4%	-0.4%	-0.5%	-0.5%	-0.5%	-0.0%
2026	-0.4%	-0.4%	-0.4%	-0.5%	-0.5%	-0.0%
2027	-0.4%	-0.4%	-0.4%	-0.5%	-0.5%	-0.0%
2028	-0.4%	-0.4%	-0.4%	-0.5%	-0.5%	-0.0%
2029	-0.4%	-0.4%	-0.4%	-0.5%	-0.5%	-0.0%
2030	-0.4%	-0.4%	-0.4%	-0.5%	-0.5%	-0.0%

2004 IMPACT CASE
GENERIC KENAI GAS MANUFACTURING SHUTDOWN

TABLE 2A. WAGE AND SALARY EMPLOYMENT (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0
2006	0.0	0.0	0.0	0.0	0.0
2007	0.0	0.0	0.0	0.0	0.0
2008	0.0	0.0	0.0	0.0	0.0
2009	0.0	0.0	0.0	0.0	0.0
2010	-0.8	-0.0	0.0	-1.0	0.2
2011	-1.1	-0.0	0.0	-1.3	0.2
2012	-1.3	-0.1	0.0	-1.5	0.2
2013	-1.4	-0.1	0.0	-1.5	0.2
2014	-1.5	-0.2	0.0	-1.6	0.2
2015	-1.5	-0.2	0.0	-1.6	0.2
2016	-1.6	-0.2	0.0	-1.6	0.2
2017	-1.6	-0.2	0.0	-1.6	0.2
2018	-1.6	-0.2	0.0	-1.6	0.2
2019	-1.6	-0.2	0.0	-1.6	0.2
2020	-1.7	-0.2	0.0	-1.7	0.2
2021	-1.7	-0.2	0.0	-1.7	0.2
2022	-1.7	-0.2	0.0	-1.7	0.2
2023	-1.7	-0.2	0.0	-1.7	0.2
2024	-1.7	-0.2	0.0	-1.7	0.2
2025	-1.7	-0.2	0.0	-1.7	0.2
2026	-1.8	-0.3	0.1	-1.7	0.2
2027	-1.8	-0.3	0.1	-1.8	0.2
2028	-1.8	-0.3	0.1	-1.8	0.2
2029	-1.8	-0.3	0.1	-1.8	0.2
2030	-1.8	-0.3	0.1	-1.8	0.2

2004 IMPACT CASE
GENERIC KENAI GAS MANUFACTURING SHUTDOWN

TABLE 2B. WAGE AND SALARY EMPLOYMENT
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	ERR	0.0%	0.0%	0.0%	ERR
2001	ERR	0.0%	0.0%	0.0%	ERR
2002	0.0%	0.0%	0.0%	0.0%	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.0%	0.0%	0.0%	0.0%	0.0%
2008	0.0%	0.0%	0.0%	0.0%	0.0%
2009	0.0%	0.0%	0.0%	0.0%	0.0%
2010	-0.3%	-0.0%	0.1%	-5.3%	0.2%
2011	-0.3%	-0.0%	0.2%	-7.1%	0.2%
2012	-0.4%	-0.1%	0.2%	-7.8%	0.2%
2013	-0.4%	-0.1%	0.2%	-8.1%	0.2%
2014	-0.5%	-0.1%	0.2%	-8.2%	0.2%
2015	-0.5%	-0.1%	0.2%	-8.2%	0.1%
2016	-0.5%	-0.1%	0.2%	-8.2%	0.1%
2017	-0.5%	-0.1%	0.2%	-8.2%	0.1%
2018	-0.5%	-0.1%	0.2%	-8.2%	0.1%
2019	-0.5%	-0.1%	0.2%	-8.2%	0.1%
2020	-0.5%	-0.1%	0.2%	-8.1%	0.1%
2021	-0.5%	-0.1%	0.2%	-8.1%	0.1%
2022	-0.5%	-0.1%	0.2%	-8.0%	0.1%
2023	-0.5%	-0.1%	0.2%	-8.0%	0.1%
2024	-0.5%	-0.1%	0.2%	-7.9%	0.1%
2025	-0.5%	-0.1%	0.2%	-7.9%	0.1%
2026	-0.5%	-0.1%	0.2%	-7.8%	0.1%
2027	-0.5%	-0.1%	0.1%	-7.7%	0.1%
2028	-0.5%	-0.1%	0.1%	-7.7%	0.1%
2029	-0.5%	-0.2%	0.1%	-7.6%	0.1%
2030	-0.5%	-0.2%	0.1%	-7.6%	0.1%

2004 IMPACT CASE
GENERIC KENAI GAS MANUFACTURING SHUTDOWN

TABLE 3A. POPULATION (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	-0.0
2001	0.0	0.0	0.0	0.0	-0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	-0.0	0.0	-0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0
2006	0.0	0.0	0.0	0.0	0.0
2007	0.0	0.0	0.0	0.0	0.0
2008	0.0	0.0	0.0	0.0	0.0
2009	0.0	0.0	0.0	0.0	0.0
2010	-0.8	0.2	0.1	-1.5	0.5
2011	-1.8	-0.0	0.1	-2.2	0.4
2012	-2.5	-0.3	0.1	-2.6	0.2
2013	-2.9	-0.4	0.1	-2.7	0.1
2014	-3.1	-0.4	0.0	-2.8	0.1
2015	-3.3	-0.5	0.0	-2.8	0.0
2016	-3.4	-0.5	0.0	-2.9	-0.0
2017	-3.5	-0.6	0.0	-2.9	-0.0
2018	-3.6	-0.6	0.0	-2.9	-0.1
2019	-3.6	-0.6	0.0	-3.0	-0.1
2020	-3.6	-0.6	0.0	-3.0	-0.1
2021	-3.7	-0.6	0.0	-3.0	-0.1
2022	-3.7	-0.6	0.0	-3.1	-0.1
2023	-3.8	-0.6	0.0	-3.1	-0.1
2024	-3.8	-0.6	0.0	-3.1	-0.1
2025	-3.8	-0.6	0.0	-3.2	-0.1
2026	-3.9	-0.6	0.0	-3.2	-0.1
2027	-3.9	-0.7	0.0	-3.2	-0.1
2028	-3.9	-0.7	0.0	-3.2	-0.1
2029	-4.0	-0.7	0.0	-3.3	-0.1
2030	-4.1	-0.7	0.0	-3.3	-0.1

2004 IMPACT CASE
GENERIC KENAI GAS MANUFACTURING SHUTDOWN

TABLE 3B. POPULATION
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0%	0.0%	0.0%	0.0%	-0.0%
2001	0.0%	0.0%	0.0%	0.0%	-0.0%
2002	0.0%	0.0%	0.0%	0.0%	0.0%
2003	0.0%	0.0%	-0.0%	0.0%	-0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.0%	0.0%	0.0%	0.0%	0.0%
2008	0.0%	0.0%	0.0%	0.0%	0.0%
2009	0.0%	0.0%	0.0%	0.0%	0.0%
2010	-0.1%	0.1%	0.1%	-2.8%	0.2%
2011	-0.3%	-0.0%	0.1%	-4.0%	0.1%
2012	-0.4%	-0.1%	0.1%	-4.5%	0.1%
2013	-0.4%	-0.1%	0.1%	-4.7%	0.0%
2014	-0.4%	-0.1%	0.0%	-4.8%	0.0%
2015	-0.4%	-0.2%	0.0%	-4.8%	0.0%
2016	-0.4%	-0.2%	0.0%	-4.9%	-0.0%
2017	-0.5%	-0.2%	0.0%	-4.9%	-0.0%
2018	-0.5%	-0.2%	0.0%	-4.9%	-0.0%
2019	-0.5%	-0.2%	0.0%	-4.8%	-0.0%
2020	-0.5%	-0.2%	0.0%	-4.8%	-0.0%
2021	-0.4%	-0.2%	0.0%	-4.8%	-0.0%
2022	-0.4%	-0.2%	0.0%	-4.8%	-0.0%
2023	-0.4%	-0.2%	0.0%	-4.8%	-0.0%
2024	-0.4%	-0.2%	0.0%	-4.7%	-0.0%
2025	-0.4%	-0.2%	0.0%	-4.7%	-0.0%
2026	-0.4%	-0.2%	0.0%	-4.7%	-0.0%
2027	-0.4%	-0.2%	0.0%	-4.7%	-0.0%
2028	-0.4%	-0.2%	0.0%	-4.6%	-0.0%
2029	-0.4%	-0.2%	0.0%	-4.6%	-0.0%
2030	-0.4%	-0.2%	0.0%	-4.6%	-0.0%

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

SENSITIVITY CASE 2

GENERIC HIGH FEDERAL SPENDING

2004 IMPACT CASE
GENERIC CONTINUED HIGH FEDERAL SPENDING

TABLE 1A. STATE SUMMARY
CHANGE FROM BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOY (000)	WAGE AND SALARY EMPLOY (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	0.0	0.0	0.0	0.0	$0	$0
2001	0.0	0.0	0.0	0.0	$0	$0
2002	0.0	0.0	0.0	0.0	$0	$0
2003	0.0	0.0	0.0	0.0	$0	$0
2004	0.0	0.0	0.0	0.0	$0	$0
2005	0.0	0.0	0.0	0.0	$1	$0
2006	3.0	1.0	3.9	3.0	$130	$0
2007	11.8	4.1	10.3	7.9	$370	$0
2008	23.1	8.1	17.8	13.6	$684	$0
2009	35.2	12.3	25.5	19.5	$1,020	$0
2010	39.9	14.1	24.1	18.4	$866	($33)
2011	41.5	14.7	25.5	19.4	$946	($35)
2012	42.8	15.2	25.9	19.7	$983	($36)
2013	44.4	15.9	27.2	20.7	$1,045	($36)
2014	46.6	16.7	28.7	21.8	$1,119	($35)
2015	47.7	17.2	28.3	21.5	$1,034	($35)
2016	47.1	17.1	27.6	21.0	$932	($35)
2017	46.0	16.8	26.5	20.1	$802	($35)
2018	42.8	15.8	23.8	18.0	$605	($35)
2019	39.5	14.8	22.5	17.0	$543	($34)
2020	38.9	14.7	23.5	17.8	$660	($33)
2021	39.2	14.9	23.3	17.6	$653	($32)
2022	39.7	15.2	24.3	18.3	$791	($31)
2023	40.7	15.6	24.7	18.6	$813	($30)
2024	40.5	15.6	23.9	17.9	$790	($30)
2025	40.2	15.6	24.1	18.1	$799	($29)
2026	41.2	16.0	25.3	19.0	$848	($28)
2027	42.3	16.5	25.5	19.1	$866	($27)
2028	42.8	16.7	25.7	19.2	$883	($27)
2029	43.2	16.9	25.8	19.2	$894	($26)
2030	42.6	16.8	24.7	18.3	$860	($26)

2004 IMPACT CASE
GENERIC CONTINUED HIGH FEDERAL SPENDING

TABLE 1B. PROJECTION SUMMARY
PERCENT CHANGE FROM BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOY (000)	WAGE AND SALARY EMPLOY (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	0.0%	0.0%	ERR	ERR	ERR	ERR
2001	0.0%	0.0%	ERR	ERR	ERR	ERR
2002	0.0%	0.0%	ERR	0.0%	ERR	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.4%	0.4%	0.9%	1.0%	0.6%	0.0%
2007	1.7%	1.7%	2.3%	2.5%	1.6%	0.0%
2008	3.3%	3.2%	4.0%	4.4%	2.9%	0.0%
2009	5.1%	4.8%	5.8%	6.3%	4.3%	0.0%
2010	5.7%	5.5%	5.5%	5.9%	3.7%	-3.0%
2011	5.9%	5.6%	5.7%	6.2%	3.9%	-3.0%
2012	5.9%	5.7%	5.8%	6.2%	4.1%	-3.0%
2013	6.1%	5.9%	6.0%	6.5%	4.3%	-3.0%
2014	6.3%	6.1%	6.3%	6.8%	4.5%	-3.0%
2015	6.4%	6.2%	6.2%	6.6%	4.1%	-3.0%
2016	6.2%	6.1%	6.0%	6.4%	3.7%	-3.0%
2017	6.0%	5.9%	5.7%	6.1%	3.1%	-3.0%
2018	5.5%	5.4%	5.0%	5.4%	2.3%	-3.0%
2019	5.0%	5.0%	4.7%	5.0%	2.1%	-3.0%
2020	4.8%	4.9%	4.9%	5.2%	2.5%	-3.1%
2021	4.8%	4.9%	4.8%	5.1%	2.4%	-3.1%
2022	4.8%	4.9%	4.9%	5.2%	2.9%	-3.1%
2023	4.8%	4.9%	4.9%	5.2%	2.9%	-3.1%
2024	4.7%	4.8%	4.7%	5.0%	2.7%	-3.1%
2025	4.6%	4.8%	4.7%	4.9%	2.7%	-3.1%
2026	4.7%	4.8%	4.9%	5.1%	2.8%	-3.1%
2027	4.7%	4.9%	4.8%	5.1%	2.9%	-3.1%
2028	4.7%	4.9%	4.8%	5.0%	2.9%	-3.1%
2029	4.7%	4.8%	4.7%	4.9%	2.8%	-3.1%
2030	4.5%	4.7%	4.5%	4.6%	2.7%	-3.1%

FEDERAL-STATE TRANSFERS CONTINUE TO GROW AT THE RATE OF INFLATION PLUS POPULATION GROWTH
FEDERAL CONSTRUCTION PROJECTS--PROCUREMENT AND GRANTS--CONTINUE AT CURRENT LEVEL
FEDERAL GRANTS TO NON-PROFITS CONTINUE PRESENT TREND
PERMANENT FUND DIVIDEND ACCOUNT FALLS TO ZERO DUE TO NEED FOR ADDITIONAL REVENUES TO FUND GOVERNMENT

2004 IMPACT CASE
GENERIC CONTINUED HIGH FEDERAL SPENDING

TABLE 2A. WAGE AND SALARY EMPLOYMENT (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0
2006	3.0	1.4	0.2	0.2	1.2
2007	7.9	3.8	0.4	0.4	3.2
2008	13.6	6.6	0.7	0.8	5.5
2009	19.5	9.5	1.1	1.1	7.8
2010	18.4	9.0	1.0	1.1	7.3
2011	19.4	9.4	1.1	1.1	7.7
2012	19.7	9.6	1.2	1.1	7.8
2013	20.7	10.0	1.3	1.2	8.2
2014	21.8	10.5	1.4	1.2	8.7
2015	21.5	10.4	1.3	1.2	8.6
2016	21.0	10.1	1.2	1.2	8.6
2017	20.1	9.6	1.0	1.1	8.4
2018	18.0	8.6	0.8	1.0	7.6
2019	17.0	8.2	0.6	0.9	7.3
2020	17.8	8.5	0.7	1.0	7.6
2021	17.6	8.5	0.7	0.9	7.5
2022	18.3	8.9	0.8	1.0	7.6
2023	18.6	9.0	0.9	1.0	7.6
2024	17.9	8.8	0.9	1.0	7.2
2025	18.1	8.8	1.0	1.0	7.2
2026	19.0	9.2	1.1	1.1	7.7
2027	19.1	9.3	1.1	1.1	7.7
2028	19.2	9.3	1.1	1.1	7.7
2029	19.2	9.4	1.1	1.1	7.6
2030	18.3	9.0	1.1	1.0	7.2

2004 IMPACT CASE
GENERIC CONTINUED HIGH FEDERAL SPENDING

TABLE 2B. WAGE AND SALARY EMPLOYMENT
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	ERR	0.0%	0.0%	0.0%	ERR
2001	ERR	0.0%	0.0%	0.0%	ERR
2002	0.0%	0.0%	0.0%	0.0%	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%
2006	1.0%	1.0%	1.0%	0.9%	1.0%
2007	2.5%	2.6%	2.4%	2.4%	2.6%
2008	4.4%	4.5%	4.0%	4.2%	4.3%
2009	6.3%	6.5%	5.9%	6.2%	6.2%
2010	5.9%	6.2%	5.3%	5.9%	5.8%
2011	6.2%	6.4%	5.7%	6.1%	5.9%
2012	6.2%	6.5%	5.9%	6.1%	6.0%
2013	6.5%	6.7%	6.1%	6.2%	6.3%
2014	6.8%	7.0%	6.2%	6.4%	6.6%
2015	6.6%	6.8%	5.7%	6.2%	6.6%
2016	6.4%	6.6%	5.0%	6.0%	6.5%
2017	6.1%	6.3%	4.2%	5.6%	6.3%
2018	5.4%	5.6%	3.1%	4.9%	5.7%
2019	5.0%	5.2%	2.5%	4.6%	5.4%
2020	5.2%	5.3%	2.6%	4.7%	5.6%
2021	5.1%	5.2%	2.5%	4.6%	5.4%
2022	5.2%	5.4%	2.9%	4.8%	5.5%
2023	5.2%	5.5%	3.0%	4.8%	5.4%
2024	5.0%	5.2%	3.0%	4.7%	5.1%
2025	4.9%	5.2%	3.1%	4.6%	5.1%
2026	5.1%	5.4%	3.2%	4.7%	5.3%
2027	5.1%	5.3%	3.1%	4.7%	5.3%
2028	5.0%	5.3%	3.0%	4.7%	5.2%
2029	4.9%	5.2%	3.0%	4.6%	5.1%
2030	4.6%	5.0%	2.9%	4.4%	4.7%

2004 IMPACT CASE
GENERIC CONTINUED HIGH FEDERAL SPENDING

TABLE 3A. POPULATION (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	-0.0
2001	0.0	0.0	0.0	0.0	-0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	-0.0	0.0	-0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0
2006	3.0	1.5	0.2	0.2	1.0
2007	11.8	5.6	0.9	0.9	4.3
2008	23.1	10.7	2.0	1.8	8.6
2009	35.2	16.1	3.2	2.8	13.1
2010	39.9	17.7	3.8	3.1	15.2
2011	41.5	18.2	4.2	3.2	16.0
2012	42.8	18.6	4.4	3.2	16.6
2013	44.4	19.2	4.6	3.3	17.2
2014	46.6	20.1	4.8	3.5	18.2
2015	47.7	20.5	4.9	3.5	18.8
2016	47.1	20.1	4.7	3.5	18.9
2017	46.0	19.5	4.3	3.3	18.8
2018	42.8	18.1	3.8	3.1	17.9
2019	39.5	16.7	3.2	2.8	16.8
2020	38.9	16.6	3.1	2.8	16.5
2021	39.2	16.8	3.1	2.8	16.5
2022	39.7	17.2	3.3	2.9	16.4
2023	40.7	17.6	3.5	3.0	16.6
2024	40.5	17.5	3.7	3.0	16.3
2025	40.2	17.4	3.8	3.0	16.0
2026	41.2	17.8	3.9	3.1	16.5
2027	42.3	18.3	4.0	3.1	16.8
2028	42.8	18.5	4.2	3.2	17.0
2029	43.2	18.6	4.3	3.2	17.1
2030	42.6	18.3	4.4	3.2	16.7

2004 IMPACT CASE
GENERIC CONTINUED HIGH FEDERAL SPENDING

TABLE 3B. POPULATION
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0%	0.0%	0.0%	0.0%	-0.0%
2001	0.0%	0.0%	0.0%	0.0%	-0.0%
2002	0.0%	0.0%	0.0%	0.0%	0.0%
2003	0.0%	0.0%	-0.0%	0.0%	-0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.4%	0.5%	0.3%	0.5%	0.4%
2007	1.7%	1.9%	1.2%	1.8%	1.6%
2008	3.3%	3.6%	2.5%	3.4%	3.2%
2009	5.1%	5.5%	3.9%	5.1%	4.9%
2010	5.7%	6.0%	4.6%	5.6%	5.7%
2011	5.9%	6.1%	4.8%	5.7%	6.0%
2012	5.9%	6.2%	4.9%	5.7%	6.1%
2013	6.1%	6.3%	5.0%	5.8%	6.3%
2014	6.3%	6.6%	5.1%	6.0%	6.6%
2015	6.4%	6.6%	5.0%	6.0%	6.7%
2016	6.2%	6.4%	4.6%	5.8%	6.7%
2017	6.0%	6.2%	4.2%	5.6%	6.5%
2018	5.5%	5.6%	3.5%	5.1%	6.1%
2019	5.0%	5.1%	2.9%	4.6%	5.7%
2020	4.8%	5.0%	2.7%	4.5%	5.5%
2021	4.8%	5.0%	2.6%	4.5%	5.4%
2022	4.8%	5.1%	2.7%	4.5%	5.3%
2023	4.8%	5.1%	2.8%	4.6%	5.3%
2024	4.7%	5.0%	2.9%	4.5%	5.2%
2025	4.6%	4.9%	2.8%	4.4%	5.0%
2026	4.7%	5.0%	2.8%	4.5%	5.1%
2027	4.7%	5.1%	2.8%	4.5%	5.2%
2028	4.7%	5.1%	2.8%	4.5%	5.2%
2029	4.7%	5.1%	2.8%	4.5%	5.1%
2030	4.5%	4.9%	2.8%	4.4%	4.9%

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

SENSITIVITY CASE 3

GENERIC RAPID TOURISM EXPANSION

2004 IMPACT CASE
GENERIC RAPID TOURISM EXPANSION

TABLE 1A. STATE SUMMARY
CHANGE FROM BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOYMENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	0.0	0.0	0.0	0.0	$0	$0
2001	0.0	0.0	0.0	0.0	$0	$0
2002	0.0	0.0	0.0	0.0	$0	$0
2003	0.0	0.0	0.0	0.0	$0	$0
2004	0.0	0.0	0.0	0.0	$0	$0
2005	0.0	0.0	0.0	0.0	$0	$0
2006	0.6	0.2	0.8	0.6	$30	$0
2007	1.7	0.6	1.3	1.0	$50	$0
2008	2.4	0.9	1.8	1.4	$72	$0
2009	3.2	1.1	2.2	1.7	$91	$0
2010	4.0	1.4	2.7	2.1	$112	$0
2011	4.9	1.7	3.3	2.5	$137	$0
2012	6.0	2.1	3.9	3.0	$164	$0
2013	7.0	2.5	4.6	3.5	$193	$0
2014	8.1	2.9	5.3	4.0	$225	$0
2015	9.4	3.3	6.1	4.6	$260	$0
2016	10.7	3.8	6.9	5.3	$297	$0
2017	12.1	4.3	7.8	5.9	$337	$0
2018	13.6	4.9	8.7	6.6	$380	$0
2019	15.2	5.5	9.7	7.4	$426	$0
2020	16.9	6.1	10.8	8.1	$476	$0
2021	18.7	6.7	11.9	9.0	$529	$0
2022	20.6	7.4	13.1	9.8	$585	$0
2023	22.5	8.1	14.3	10.8	$645	$0
2024	23.9	8.6	14.6	11.0	$571	$0
2025	25.1	9.1	15.6	11.7	$618	$0
2026	26.7	9.7	16.7	12.5	$670	$0
2027	28.6	10.4	18.0	13.4	$730	$0
2028	30.7	11.2	19.4	14.5	$800	$0
2029	33.2	12.1	21.0	15.6	$879	$0
2030	35.9	13.1	22.8	16.9	$967	$0

2004 IMPACT CASE
GENERIC RAPID TOURISM EXPANSION

TABLE 1B. PROJECTION SUMMARY
PERCENT CHANGE FROM BASE CASE

	POPULA-TION (000)	HOUSE-HOLDS (000)	TOTAL EMPLOY (000)	WAGE AND SALARY EMPLOY (000)	PERSONAL INCOME (MILL 00$)	PETROL-EUM REVENUES (MILL 00$)
2000	0.0%	0.0%	ERR	ERR	ERR	ERR
2001	0.0%	0.0%	ERR	ERR	ERR	ERR
2002	0.0%	0.0%	ERR	0.0%	ERR	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.1%	0.1%	0.2%	0.2%	0.1%	0.0%
2007	0.3%	0.2%	0.3%	0.3%	0.2%	0.0%
2008	0.4%	0.3%	0.4%	0.4%	0.3%	0.0%
2009	0.5%	0.4%	0.5%	0.6%	0.4%	0.0%
2010	0.6%	0.5%	0.6%	0.7%	0.5%	0.0%
2011	0.7%	0.7%	0.7%	0.8%	0.6%	0.0%
2012	0.8%	0.8%	0.9%	0.9%	0.7%	0.0%
2013	1.0%	0.9%	1.0%	1.1%	0.8%	0.0%
2014	1.1%	1.1%	1.2%	1.3%	0.9%	0.0%
2015	1.3%	1.2%	1.3%	1.4%	1.0%	0.0%
2016	1.4%	1.4%	1.5%	1.6%	1.2%	0.0%
2017	1.6%	1.5%	1.7%	1.8%	1.3%	0.0%
2018	1.7%	1.7%	1.9%	2.0%	1.5%	0.0%
2019	1.9%	1.8%	2.0%	2.2%	1.6%	0.0%
2020	2.1%	2.0%	2.2%	2.4%	1.8%	0.0%
2021	2.3%	2.2%	2.4%	2.6%	1.9%	0.0%
2022	2.5%	2.4%	2.6%	2.8%	2.1%	0.0%
2023	2.7%	2.6%	2.9%	3.0%	2.3%	0.0%
2024	2.8%	2.7%	2.9%	3.0%	2.0%	0.0%
2025	2.9%	2.8%	3.0%	3.2%	2.1%	0.0%
2026	3.0%	2.9%	3.2%	3.4%	2.2%	0.0%
2027	3.2%	3.1%	3.4%	3.6%	2.4%	0.0%
2028	3.4%	3.3%	3.6%	3.8%	2.6%	0.0%
2029	3.6%	3.5%	3.9%	4.0%	2.8%	0.0%
2030	3.8%	3.7%	4.1%	4.3%	3.0%	0.0%

TOURIST RELATED EMPLOYMENT GROWS 4 PERCENT PER YEAR
CONSTRUCTION EMPLOYMENT OF 250 PER YEAR PROVIDES INFRASTRUCTURE
PERMANENT FUND DIVIDEND ACCOUNT SLIGHTLY SMALLER DUE TO NEED FOR ADDITIONAL REVENUES TO FUND GOVERNMENT

2004 IMPACT CASE
GENERIC RAPID TOURISM EXPANSION

TABLE 2A. WAGE AND SALARY EMPLOYMENT (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0
2006	0.6	0.3	0.0	0.0	0.2
2007	1.0	0.5	0.1	0.1	0.4
2008	1.4	0.6	0.1	0.1	0.5
2009	1.7	0.8	0.2	0.1	0.6
2010	2.1	1.0	0.2	0.2	0.8
2011	2.5	1.1	0.3	0.2	0.9
2012	3.0	1.3	0.3	0.2	1.1
2013	3.5	1.6	0.4	0.3	1.3
2014	4.0	1.8	0.5	0.3	1.5
2015	4.6	2.0	0.6	0.3	1.7
2016	5.3	2.3	0.7	0.4	1.9
2017	5.9	2.6	0.8	0.4	2.2
2018	6.6	2.9	0.9	0.5	2.4
2019	7.4	3.2	1.0	0.5	2.7
2020	8.1	3.5	1.1	0.6	3.0
2021	9.0	3.8	1.2	0.6	3.3
2022	9.8	4.2	1.4	0.7	3.6
2023	10.8	4.5	1.6	0.8	3.9
2024	11.0	4.6	1.6	0.8	4.1
2025	11.7	4.8	1.7	0.8	4.4
2026	12.5	5.1	1.8	0.9	4.7
2027	13.4	5.5	2.0	0.9	5.0
2028	14.5	5.9	2.2	1.0	5.4
2029	15.6	6.3	2.5	1.1	5.8
2030	16.9	6.8	2.7	1.2	6.2

2004 IMPACT CASE
GENERIC RAPID TOURISM EXPANSION

TABLE 2B. WAGE AND SALARY EMPLOYMENT
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	ERR	0.0%	0.0%	0.0%	ERR
2001	ERR	0.0%	0.0%	0.0%	ERR
2002	0.0%	0.0%	0.0%	0.0%	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.2%	0.2%	0.3%	0.2%	0.2%
2007	0.3%	0.3%	0.4%	0.4%	0.3%
2008	0.4%	0.4%	0.6%	0.5%	0.4%
2009	0.6%	0.5%	0.9%	0.7%	0.5%
2010	0.7%	0.7%	1.1%	0.8%	0.6%
2011	0.8%	0.8%	1.4%	1.0%	0.7%
2012	0.9%	0.9%	1.6%	1.1%	0.9%
2013	1.1%	1.0%	1.9%	1.3%	1.0%
2014	1.3%	1.2%	2.2%	1.5%	1.1%
2015	1.4%	1.3%	2.5%	1.7%	1.3%
2016	1.6%	1.5%	2.8%	1.9%	1.5%
2017	1.8%	1.7%	3.1%	2.1%	1.6%
2018	2.0%	1.8%	3.5%	2.3%	1.8%
2019	2.2%	2.0%	3.8%	2.6%	2.0%
2020	2.4%	2.2%	4.2%	2.8%	2.2%
2021	2.6%	2.4%	4.5%	3.0%	2.4%
2022	2.8%	2.6%	4.9%	3.3%	2.6%
2023	3.0%	2.8%	5.2%	3.5%	2.8%
2024	3.0%	2.7%	5.1%	3.5%	2.9%
2025	3.2%	2.9%	5.3%	3.7%	3.1%
2026	3.4%	3.0%	5.5%	3.9%	3.2%
2027	3.6%	3.2%	5.8%	4.2%	3.4%
2028	3.8%	3.3%	6.2%	4.4%	3.6%
2029	4.0%	3.6%	6.5%	4.7%	3.9%
2030	4.3%	3.8%	6.9%	5.0%	4.1%

2004 IMPACT CASE
GENERIC RAPID TOURISM EXPANSION

TABLE 3A. POPULATION (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	-0.0
2001	0.0	0.0	0.0	0.0	-0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0
2006	0.6	0.3	0.1	0.1	0.2
2007	1.7	0.7	0.3	0.2	0.6
2008	2.4	1.0	0.4	0.2	0.8
2009	3.2	1.3	0.6	0.3	1.0
2010	4.0	1.5	0.8	0.3	1.3
2011	4.9	1.8	1.0	0.4	1.6
2012	6.0	2.2	1.3	0.5	1.9
2013	7.0	2.5	1.6	0.6	2.3
2014	8.1	2.9	1.9	0.7	2.7
2015	9.4	3.3	2.2	0.8	3.1
2016	10.7	3.8	2.6	0.9	3.5
2017	12.1	4.2	3.0	1.0	3.9
2018	13.6	4.7	3.4	1.1	4.4
2019	15.2	5.2	3.8	1.3	4.9
2020	16.9	5.7	4.3	1.4	5.4
2021	18.7	6.3	4.9	1.6	6.0
2022	20.6	6.9	5.4	1.7	6.6
2023	22.5	7.5	6.0	1.9	7.2
2024	23.9	7.7	6.4	2.0	7.8
2025	25.1	7.9	6.9	2.1	8.2
2026	26.7	8.4	7.5	2.2	8.7
2027	28.6	8.9	8.1	2.4	9.2
2028	30.7	9.5	8.9	2.5	9.9
2029	33.2	10.2	9.7	2.7	10.6
2030	35.9	11.0	10.6	3.0	11.4

2004 IMPACT CASE
GENERIC RAPID TOURISM EXPANSION

TABLE 3B. POPULATION
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0%	0.0%	0.0%	0.0%	-0.0%
2001	0.0%	0.0%	0.0%	0.0%	-0.0%
2002	0.0%	0.0%	0.0%	0.0%	0.0%
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.1%	0.1%	0.1%	0.1%	0.1%
2007	0.3%	0.3%	0.3%	0.3%	0.2%
2008	0.4%	0.3%	0.5%	0.4%	0.3%
2009	0.5%	0.4%	0.8%	0.5%	0.4%
2010	0.6%	0.5%	1.0%	0.6%	0.5%
2011	0.7%	0.6%	1.2%	0.8%	0.6%
2012	0.8%	0.7%	1.4%	0.9%	0.7%
2013	1.0%	0.8%	1.7%	1.1%	0.8%
2014	1.1%	1.0%	2.0%	1.2%	1.0%
2015	1.3%	1.1%	2.3%	1.4%	1.1%
2016	1.4%	1.2%	2.6%	1.5%	1.2%
2017	1.6%	1.3%	2.9%	1.7%	1.4%
2018	1.7%	1.5%	3.2%	1.9%	1.5%
2019	1.9%	1.6%	3.5%	2.1%	1.7%
2020	2.1%	1.7%	3.8%	2.3%	1.8%
2021	2.3%	1.9%	4.1%	2.5%	2.0%
2022	2.5%	2.0%	4.5%	2.7%	2.1%
2023	2.7%	2.2%	4.8%	2.9%	2.3%
2024	2.8%	2.2%	5.0%	3.0%	2.5%
2025	2.9%	2.3%	5.2%	3.1%	2.6%
2026	3.0%	2.4%	5.4%	3.2%	2.7%
2027	3.2%	2.5%	5.7%	3.4%	2.8%
2028	3.4%	2.6%	6.0%	3.6%	3.0%
2029	3.6%	2.8%	6.4%	3.8%	3.2%
2030	3.8%	2.9%	6.8%	4.1%	3.4%

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

SENSITIVITY CASE 4

GENERIC HIGH OIL REVENUES

2004 IMPACT CASE
GENERIC HIGH OIL REVENUES

TABLE 1A. STATE SUMMARY
CHANGE FROM BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOYMENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	0.0	0.0	0.0	0.0	$0	$0
2001	0.0	0.0	0.0	0.0	$0	$0
2002	0.0	0.0	0.0	0.0	$0	$0
2003	0.0	0.0	0.0	0.0	$0	$0
2004	0.0	0.0	0.0	0.0	$0	$0
2005	0.1	0.0	0.1	0.1	$2	$0
2006	0.2	0.1	0.2	0.2	$8	$0
2007	0.5	0.2	0.4	0.3	$16	$344
2008	0.8	0.3	0.5	0.4	$23	$432
2009	1.6	0.5	1.4	1.1	$151	$421
2010	3.1	1.1	2.7	2.0	$295	$440
2011	5.4	1.9	4.2	3.2	$456	$435
2012	8.4	3.0	6.1	4.7	$636	$457
2013	11.8	4.1	8.4	6.4	$836	$451
2014	15.4	5.4	10.6	8.1	$1,037	$446
2015	18.3	6.4	11.6	8.8	$1,097	$440
2016	19.9	7.0	12.4	9.5	$1,151	$438
2017	21.4	7.6	13.2	10.1	$1,200	$436
2018	21.7	7.8	12.7	9.7	$1,201	$436
2019	21.6	7.8	13.0	9.9	$1,221	$421
2020	22.0	7.9	13.3	10.0	$1,136	$408
2021	20.9	7.6	11.5	8.7	$882	$394
2022	18.5	6.8	10.0	7.6	$724	$382
2023	16.6	6.3	9.1	6.9	$684	$370
2024	14.2	5.5	7.2	5.4	$605	$359
2025	12.1	4.8	6.5	4.9	$571	$348
2026	11.9	4.7	7.3	5.5	$594	$338
2027	11.5	4.6	6.3	4.7	$451	$328
2028	10.6	4.3	6.0	4.5	$441	$319
2029	10.0	4.2	5.8	4.3	$430	$310
2030	8.9	3.8	4.6	3.4	$392	$301

2004 IMPACT CASE
GENERIC HIGH OIL REVENUES

TABLE 1B. PROJECTION SUMMARY
PERCENT CHANGE FROM BASE CASE

	POPULA-TION (000)	HOUSE-HOLDS (000)	TOTAL EMPLOY (000)	WAGE AND SALARY EMPLOY (000)	PERSONAL INCOME (MILL 00$)	PETROL-EUM REVENUES (MILL 00$)
2000	0.0%	0.0%	ERR	ERR	ERR	ERR
2001	0.0%	0.0%	ERR	ERR	ERR	ERR
2002	0.0%	0.0%	ERR	0.0%	ERR	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
2007	0.1%	0.1%	0.1%	0.1%	0.1%	27.1%
2008	0.1%	0.1%	0.1%	0.1%	0.1%	38.5%
2009	0.2%	0.2%	0.3%	0.4%	0.6%	38.8%
2010	0.4%	0.4%	0.6%	0.7%	1.3%	39.6%
2011	0.8%	0.7%	0.9%	1.0%	1.9%	37.3%
2012	1.2%	1.1%	1.4%	1.5%	2.6%	37.8%
2013	1.6%	1.5%	1.9%	2.0%	3.4%	38.0%
2014	2.1%	2.0%	2.3%	2.5%	4.2%	38.2%
2015	2.4%	2.3%	2.5%	2.7%	4.4%	38.3%
2016	2.6%	2.5%	2.7%	2.9%	4.6%	38.3%
2017	2.8%	2.6%	2.8%	3.0%	4.7%	38.3%
2018	2.8%	2.7%	2.7%	2.9%	4.6%	38.3%
2019	2.7%	2.6%	2.7%	2.9%	4.6%	38.1%
2020	2.7%	2.6%	2.7%	2.9%	4.2%	38.0%
2021	2.6%	2.5%	2.4%	2.5%	3.2%	37.8%
2022	2.2%	2.2%	2.0%	2.2%	2.6%	37.7%
2023	2.0%	2.0%	1.8%	1.9%	2.4%	37.5%
2024	1.7%	1.7%	1.4%	1.5%	2.1%	37.4%
2025	1.4%	1.5%	1.3%	1.3%	2.0%	37.3%
2026	1.3%	1.4%	1.4%	1.5%	2.0%	37.1%
2027	1.3%	1.4%	1.2%	1.2%	1.5%	37.0%
2028	1.2%	1.3%	1.1%	1.2%	1.4%	36.8%
2029	1.1%	1.2%	1.1%	1.1%	1.4%	36.7%
2030	1.0%	1.1%	0.8%	0.9%	1.2%	36.5%

OIL PRICE RISES TO $30 AND GROWS WITH INFLATION
PERMANENT FUND DIVIDEND ACCOUNT EXPANDS AS LESS IS NEEDED TO FUND STATE GOVERNMENT
STATE SPENDING INCREASES SLIGHTLY

2004 IMPACT CASE
GENERIC HIGH OIL REVENUES

TABLE 2A. WAGE AND SALARY EMPLOYMENT (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.1	0.0	0.0	0.0	0.0
2006	0.2	0.1	0.0	0.0	0.1
2007	0.3	0.1	0.0	0.0	0.1
2008	0.4	0.2	0.0	0.0	0.2
2009	1.1	0.6	0.1	0.1	0.3
2010	2.0	1.1	0.3	0.1	0.6
2011	3.2	1.7	0.5	0.2	0.8
2012	4.7	2.4	0.7	0.3	1.2
2013	6.4	3.3	1.0	0.5	1.6
2014	8.1	4.2	1.3	0.6	2.0
2015	8.8	4.5	1.5	0.6	2.2
2016	9.5	4.8	1.7	0.7	2.3
2017	10.1	5.1	1.8	0.7	2.5
2018	9.7	4.9	1.9	0.7	2.2
2019	9.9	5.0	2.0	0.7	2.3
2020	10.0	4.9	1.9	0.7	2.5
2021	8.7	4.2	1.6	0.6	2.3
2022	7.6	3.6	1.4	0.5	2.1
2023	6.9	3.3	1.2	0.4	1.9
2024	5.4	2.6	1.1	0.3	1.3
2025	4.9	2.4	1.1	0.3	1.1
2026	5.5	2.6	1.1	0.3	1.5
2027	4.7	2.2	0.9	0.3	1.3
2028	4.5	2.1	0.8	0.3	1.3
2029	4.3	2.0	0.8	0.2	1.3
2030	3.4	1.7	0.7	0.2	0.8

2004 IMPACT CASE
GENERIC HIGH OIL REVENUES

TABLE 2B. WAGE AND SALARY EMPLOYMENT
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	ERR	0.0%	0.0%	0.0%	ERR
2001	ERR	0.0%	0.0%	0.0%	ERR
2002	0.0%	0.0%	0.0%	0.0%	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.1%	0.0%	0.0%	0.0%	0.1%
2007	0.1%	0.1%	0.1%	0.1%	0.1%
2008	0.1%	0.1%	0.1%	0.1%	0.1%
2009	0.4%	0.4%	0.7%	0.4%	0.3%
2010	0.7%	0.7%	1.5%	0.8%	0.4%
2011	1.0%	1.1%	2.5%	1.2%	0.6%
2012	1.5%	1.6%	3.6%	1.7%	0.9%
2013	2.0%	2.2%	4.9%	2.4%	1.2%
2014	2.5%	2.8%	6.1%	3.0%	1.5%
2015	2.7%	3.0%	6.7%	3.2%	1.7%
2016	2.9%	3.2%	7.2%	3.4%	1.8%
2017	3.0%	3.3%	7.5%	3.5%	1.9%
2018	2.9%	3.1%	7.5%	3.4%	1.7%
2019	2.9%	3.1%	7.6%	3.3%	1.7%
2020	2.9%	3.1%	7.1%	3.2%	1.9%
2021	2.5%	2.6%	5.8%	2.7%	1.7%
2022	2.2%	2.2%	4.8%	2.2%	1.5%
2023	1.9%	2.0%	4.2%	2.0%	1.4%
2024	1.5%	1.6%	3.6%	1.6%	0.9%
2025	1.3%	1.4%	3.4%	1.4%	0.8%
2026	1.5%	1.5%	3.2%	1.5%	1.0%
2027	1.2%	1.3%	2.5%	1.2%	0.9%
2028	1.2%	1.2%	2.2%	1.1%	0.9%
2029	1.1%	1.1%	2.0%	1.1%	0.8%
2030	0.9%	0.9%	1.9%	0.9%	0.5%

2004 IMPACT CASE
GENERIC HIGH OIL REVENUES

TABLE 3A. POPULATION (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	-0.0
2001	0.0	0.0	0.0	0.0	-0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	-0.0	0.0	-0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.1	0.0	0.0	0.0	0.0
2006	0.2	0.1	0.0	0.0	0.1
2007	0.5	0.2	0.0	0.0	0.2
2008	0.8	0.3	0.0	0.1	0.3
2009	1.6	0.7	0.2	0.1	0.4
2010	3.1	1.5	0.6	0.3	0.7
2011	5.4	2.5	1.1	0.5	1.3
2012	8.4	3.9	1.7	0.7	2.0
2013	11.8	5.4	2.5	1.0	2.8
2014	15.4	7.0	3.3	1.3	3.8
2015	18.3	8.1	4.0	1.5	4.6
2016	19.9	8.7	4.5	1.6	5.1
2017	21.4	9.2	4.8	1.7	5.6
2018	21.7	9.2	5.2	1.7	5.6
2019	21.6	9.1	5.4	1.7	5.4
2020	22.0	9.2	5.3	1.7	5.8
2021	20.9	8.5	4.9	1.6	6.0
2022	18.5	7.4	4.3	1.4	5.5
2023	16.6	6.6	3.8	1.2	5.0
2024	14.2	5.6	3.5	1.0	4.1
2025	12.1	4.7	3.2	0.9	3.3
2026	11.9	4.7	3.0	0.9	3.4
2027	11.5	4.5	2.7	0.8	3.5
2028	10.6	4.2	2.4	0.7	3.2
2029	10.0	4.0	2.3	0.7	3.1
2030	8.9	3.5	2.2	0.6	2.5

2004 IMPACT CASE
GENERIC HIGH OIL REVENUES

TABLE 3B. POPULATION
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0%	0.0%	0.0%	0.0%	-0.0%
2001	0.0%	0.0%	0.0%	0.0%	-0.0%
2002	0.0%	0.0%	0.0%	0.0%	0.0%
2003	0.0%	0.0%	-0.0%	0.0%	-0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.1%	0.1%	0.0%	0.1%	0.1%
2008	0.1%	0.1%	0.1%	0.1%	0.1%
2009	0.2%	0.3%	0.3%	0.2%	0.2%
2010	0.4%	0.5%	0.7%	0.5%	0.3%
2011	0.8%	0.9%	1.2%	0.8%	0.5%
2012	1.2%	1.3%	1.9%	1.3%	0.8%
2013	1.6%	1.8%	2.7%	1.8%	1.0%
2014	2.1%	2.3%	3.5%	2.3%	1.4%
2015	2.4%	2.6%	4.1%	2.6%	1.7%
2016	2.6%	2.8%	4.4%	2.8%	1.8%
2017	2.8%	2.9%	4.7%	2.9%	1.9%
2018	2.8%	2.9%	4.9%	2.9%	1.9%
2019	2.7%	2.8%	4.9%	2.8%	1.8%
2020	2.7%	2.8%	4.7%	2.7%	2.0%
2021	2.6%	2.5%	4.2%	2.5%	2.0%
2022	2.2%	2.2%	3.5%	2.1%	1.8%
2023	2.0%	1.9%	3.0%	1.8%	1.6%
2024	1.7%	1.6%	2.7%	1.5%	1.3%
2025	1.4%	1.3%	2.4%	1.3%	1.0%
2026	1.3%	1.3%	2.2%	1.3%	1.0%
2027	1.3%	1.3%	1.9%	1.2%	1.1%
2028	1.2%	1.1%	1.7%	1.1%	1.0%
2029	1.1%	1.1%	1.5%	1.0%	0.9%
2030	1.0%	0.9%	1.4%	0.9%	0.8%

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

SENSITIVITY CASE 5

GENERIC POPULATION SHIFT TOWARD MATANUSKA-SUSITNA BOROUGH

2004 IMPACT CASE
GENERIC POPULATION SHIFT TOWARD MATSU

TABLE 1A. STATE SUMMARY
CHANGE FROM BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOYMENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	0.0	0.0	0.0	0.0	$0	$0
2001	0.0	0.0	0.0	0.0	$0	$0
2002	0.0	0.0	0.0	0.0	$0	$0
2003	0.0	0.0	0.0	0.0	$0	$0
2004	0.0	0.0	0.0	0.0	$0	$0
2005	0.0	0.0	0.0	0.0	$1	$0
2006	0.0	0.0	0.0	0.0	$1	$0
2007	0.0	0.0	0.0	0.0	$1	$0
2008	0.0	0.0	0.0	0.0	$1	$0
2009	0.0	0.0	0.0	0.0	$1	$0
2010	0.0	0.0	0.0	0.0	$1	$0
2011	0.0	0.0	0.0	0.0	$1	$0
2012	0.0	0.0	0.0	0.0	$1	$0
2013	0.0	0.0	0.0	0.0	$1	$0
2014	0.0	0.0	0.0	0.0	$1	$0
2015	0.0	0.0	0.0	0.0	$1	$0
2016	0.0	0.0	0.0	0.0	$1	$0
2017	0.0	0.0	0.0	0.0	$1	$0
2018	0.0	0.0	0.0	0.0	$1	$0
2019	0.0	0.0	0.0	0.0	$1	$0
2020	0.0	0.0	0.0	0.0	$1	$0
2021	0.0	0.0	0.0	0.0	$1	$0
2022	0.0	0.0	0.0	0.0	$1	$0
2023	0.0	0.0	0.0	0.0	$1	$0
2024	0.0	0.0	0.0	0.0	$1	$0
2025	0.0	0.0	0.0	0.0	$0	$0
2026	0.0	0.0	0.0	0.0	$0	$0
2027	0.0	0.0	0.0	0.0	$0	$0
2028	0.0	0.0	0.0	0.0	$0	$0
2029	0.0	0.0	0.0	0.0	$0	$0
2030	0.0	0.0	0.0	0.0	$0	$0

2004 IMPACT CASE
GENERIC POPULATION SHIFT TOWARD MATSU

TABLE 1B. PROJECTION SUMMARY
PERCENT CHANGE FROM BASE CASE

	POPULA-TION (000)	HOUSE-HOLDS (000)	TOTAL EMPLOY (000)	WAGE AND SALARY EMPLOY (000)	PERSONAL INCOME (MILL 00$)	PETROL-EUM REVENUES (MILL 00$)
2000	0.0%	0.0%	ERR	ERR	ERR	ERR
2001	0.0%	0.0%	ERR	ERR	ERR	ERR
2002	0.0%	0.0%	ERR	0.0%	ERR	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2009	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2010	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2011	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2012	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2013	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2014	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2015	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2016	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2017	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2018	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2019	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2020	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2021	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2022	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2023	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2024	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2025	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2026	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2027	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2028	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2029	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2030	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

ABOUT 2/3 OF THE POPULATION GROWTH IN THE GREATER ANCHORAGE AREA OCCURS IN MATSU, WITH 1/3 IN ANCHORAGE

2004 IMPACT CASE
GENERIC POPULATION SHIFT TOWARD MATSU

TABLE 2A. WAGE AND SALARY EMPLOYMENT (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	-0.1	0.1	-0.0	-0.0
2006	0.0	-0.2	0.2	-0.0	-0.0
2007	0.0	-0.4	0.4	-0.0	-0.0
2008	0.0	-0.6	0.7	-0.0	-0.1
2009	0.0	-0.8	0.9	-0.0	-0.1
2010	0.0	-1.0	1.2	-0.0	-0.2
2011	0.0	-1.2	1.5	-0.1	-0.2
2012	0.0	-1.4	1.8	-0.1	-0.3
2013	0.0	-1.7	2.1	-0.1	-0.3
2014	0.0	-1.9	2.4	-0.1	-0.4
2015	0.0	-2.2	2.7	-0.1	-0.4
2016	0.0	-2.5	3.1	-0.1	-0.5
2017	0.0	-2.7	3.4	-0.2	-0.5
2018	0.0	-3.1	3.8	-0.2	-0.6
2019	0.0	-3.4	4.3	-0.2	-0.7
2020	0.0	-3.7	4.7	-0.2	-0.8
2021	0.0	-4.1	5.2	-0.2	-0.8
2022	0.0	-4.4	5.6	-0.3	-0.9
2023	0.0	-4.8	6.1	-0.3	-1.0
2024	0.0	-5.2	6.6	-0.3	-1.1
2025	0.0	-5.6	7.2	-0.4	-1.2
2026	0.0	-6.1	7.7	-0.4	-1.3
2027	0.0	-6.5	8.3	-0.4	-1.4
2028	0.0	-7.0	9.0	-0.5	-1.5
2029	0.0	-7.5	9.6	-0.5	-1.6
2030	0.0	-8.0	10.3	-0.5	-1.8

2004 IMPACT CASE
GENERIC POPULATION SHIFT TOWARD MATSU

TABLE 2B. WAGE AND SALARY EMPLOYMENT
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	ERR	0.0%	0.0%	0.0%	ERR
2001	ERR	0.0%	0.0%	0.0%	ERR
2002	0.0%	0.0%	0.0%	0.0%	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	-0.0%	0.5%	-0.0%	-0.0%
2006	0.0%	-0.1%	1.4%	-0.0%	-0.0%
2007	0.0%	-0.3%	2.5%	-0.1%	-0.0%
2008	0.0%	-0.4%	3.7%	-0.1%	-0.1%
2009	0.0%	-0.5%	4.9%	-0.2%	-0.1%
2010	0.0%	-0.7%	6.2%	-0.2%	-0.1%
2011	0.0%	-0.8%	7.4%	-0.3%	-0.2%
2012	0.0%	-1.0%	8.6%	-0.4%	-0.2%
2013	0.0%	-1.1%	9.8%	-0.4%	-0.2%
2014	0.0%	-1.3%	11.0%	-0.5%	-0.3%
2015	0.0%	-1.5%	12.1%	-0.6%	-0.3%
2016	0.0%	-1.6%	13.3%	-0.7%	-0.4%
2017	0.0%	-1.8%	14.4%	-0.8%	-0.4%
2018	0.0%	-2.0%	15.5%	-0.9%	-0.4%
2019	0.0%	-2.1%	16.6%	-1.0%	-0.5%
2020	0.0%	-2.3%	17.6%	-1.1%	-0.6%
2021	0.0%	-2.5%	18.6%	-1.2%	-0.6%
2022	0.0%	-2.7%	19.6%	-1.3%	-0.7%
2023	0.0%	-2.9%	20.5%	-1.4%	-0.7%
2024	0.0%	-3.1%	21.4%	-1.5%	-0.8%
2025	0.0%	-3.3%	22.3%	-1.6%	-0.8%
2026	0.0%	-3.5%	23.2%	-1.7%	-0.9%
2027	0.0%	-3.8%	24.0%	-1.8%	-1.0%
2028	0.0%	-4.0%	24.8%	-2.0%	-1.0%
2029	0.0%	-4.2%	25.6%	-2.1%	-1.1%
2030	0.0%	-4.4%	26.4%	-2.2%	-1.2%

2004 IMPACT CASE
GENERIC POPULATION SHIFT TOWARD MATSU

TABLE 3A. POPULATION (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	-0.0
2001	0.0	0.0	0.0	0.0	-0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	-0.0	0.0	-0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	-0.3	0.4	-0.0	-0.0
2006	0.0	-0.7	0.9	-0.0	-0.1
2007	0.0	-1.3	1.6	-0.1	-0.3
2008	0.0	-1.9	2.4	-0.1	-0.4
2009	0.0	-2.5	3.3	-0.1	-0.6
2010	0.0	-3.2	4.2	-0.2	-0.8
2011	0.0	-3.9	5.2	-0.2	-1.0
2012	0.0	-4.6	6.2	-0.3	-1.3
2013	0.0	-5.4	7.3	-0.3	-1.5
2014	0.0	-6.2	8.4	-0.4	-1.8
2015	0.0	-7.0	9.6	-0.5	-2.1
2016	0.0	-7.9	10.8	-0.5	-2.4
2017	0.0	-8.8	12.0	-0.6	-2.7
2018	0.0	-9.7	13.3	-0.7	-3.0
2019	0.0	-10.7	14.8	-0.7	-3.3
2020	0.0	-11.7	16.2	-0.8	-3.7
2021	0.0	-12.8	17.7	-0.9	-4.0
2022	0.0	-13.9	19.3	-1.0	-4.4
2023	0.0	-15.0	20.9	-1.1	-4.8
2024	0.0	-16.2	22.6	-1.2	-5.2
2025	0.0	-17.4	24.4	-1.3	-5.6
2026	0.0	-18.7	26.2	-1.4	-6.1
2027	0.0	-20.0	28.0	-1.5	-6.5
2028	0.0	-21.4	30.0	-1.6	-7.0
2029	0.0	-22.8	32.0	-1.7	-7.5
2030	0.0	-24.3	34.1	-1.8	-8.0

2004 IMPACT CASE
GENERIC POPULATION SHIFT TOWARD MATSU

TABLE 3B. POPULATION
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0%	0.0%	0.0%	0.0%	-0.0%
2001	0.0%	0.0%	0.0%	0.0%	-0.0%
2002	0.0%	0.0%	0.0%	0.0%	0.0%
2003	0.0%	0.0%	-0.0%	0.0%	-0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	-0.1%	0.5%	-0.0%	-0.0%
2006	0.0%	-0.3%	1.2%	-0.0%	-0.0%
2007	0.0%	-0.4%	2.1%	-0.1%	-0.1%
2008	0.0%	-0.6%	3.1%	-0.2%	-0.2%
2009	0.0%	-0.9%	4.0%	-0.2%	-0.2%
2010	0.0%	-1.1%	5.0%	-0.3%	-0.3%
2011	0.0%	-1.3%	6.0%	-0.4%	-0.4%
2012	0.0%	-1.5%	6.9%	-0.5%	-0.5%
2013	0.0%	-1.8%	7.9%	-0.6%	-0.6%
2014	0.0%	-2.0%	8.8%	-0.7%	-0.6%
2015	0.0%	-2.3%	9.7%	-0.8%	-0.7%
2016	0.0%	-2.5%	10.7%	-0.9%	-0.8%
2017	0.0%	-2.8%	11.6%	-1.0%	-0.9%
2018	0.0%	-3.0%	12.5%	-1.1%	-1.0%
2019	0.0%	-3.3%	13.4%	-1.2%	-1.1%
2020	0.0%	-3.6%	14.3%	-1.3%	-1.2%
2021	0.0%	-3.8%	15.1%	-1.4%	-1.3%
2022	0.0%	-4.1%	15.9%	-1.5%	-1.4%
2023	0.0%	-4.4%	16.7%	-1.6%	-1.5%
2024	0.0%	-4.7%	17.5%	-1.8%	-1.7%
2025	0.0%	-5.0%	18.3%	-1.9%	-1.8%
2026	0.0%	-5.3%	19.0%	-2.0%	-1.9%
2027	0.0%	-5.6%	19.7%	-2.1%	-2.0%
2028	0.0%	-5.9%	20.4%	-2.3%	-2.1%
2029	0.0%	-6.2%	21.1%	-2.4%	-2.2%
2030	0.0%	-6.5%	21.8%	-2.5%	-2.4%

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

SENSITIVITY CASE 6

GENERIC RAPID RETIREE GROWTH

2004 IMPACT CASE
GENERIC RAPID GROWTH IN RETIREES

TABLE 1A. STATE SUMMARY
CHANGE FROM BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOYMENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	0.0	0.0	0.0	0.0	$0	$0
2001	0.0	0.0	0.0	0.0	$0	$0
2002	0.0	0.0	0.0	0.0	$0	$0
2003	0.0	0.0	0.0	0.0	$0	$0
2004	0.0	0.0	0.0	0.0	$0	$0
2005	0.6	0.5	0.1	0.1	$13	$0
2006	1.3	1.0	0.3	0.3	$34	$0
2007	2.2	1.6	0.6	0.5	$59	$0
2008	3.2	2.3	0.9	0.7	$88	$0
2009	4.3	3.0	1.2	0.9	$121	$0
2010	5.5	3.8	1.7	1.3	$159	$0
2011	7.0	4.6	2.2	1.7	$202	$0
2012	8.8	5.6	2.7	2.1	$251	$0
2013	10.5	6.6	3.4	2.6	$304	$0
2014	12.3	7.6	4.0	3.1	$360	$0
2015	14.3	8.6	4.8	3.6	$420	$0
2016	16.3	9.7	5.5	4.2	$483	$0
2017	18.4	10.8	6.3	4.8	$549	$0
2018	20.6	12.0	7.2	5.4	$618	$0
2019	22.2	12.9	7.1	5.4	$558	$0
2020	23.4	13.7	7.6	5.7	$611	$0
2021	24.3	14.5	7.2	5.4	$532	$0
2022	25.7	15.3	8.4	6.3	$707	$0
2023	27.9	16.5	9.1	6.9	$769	$0
2024	29.9	17.6	9.9	7.4	$838	$0
2025	32.0	18.7	10.7	8.1	$908	$0
2026	34.0	19.8	11.6	8.7	$978	$0
2027	36.0	20.8	12.4	9.3	$1,048	$0
2028	38.1	21.9	13.2	9.9	$1,119	$0
2029	40.1	23.0	14.1	10.5	$1,191	$0
2030	42.1	24.1	14.9	11.1	$1,264	$0

2004 IMPACT CASE
GENERIC RAPID GROWTH IN RETIREES

TABLE 1B. PROJECTION SUMMARY
PERCENT CHANGE FROM BASE CASE

	POPULA-TION (000)	HOUSE-HOLDS (000)	TOTAL EMPLOY (000)	WAGE AND SALARY EMPLOY (000)	PERSONAL INCOME (MILL 00$)	PETROL-EUM REVENUES (MILL 00$)
2000	0.0%	0.0%	ERR	ERR	ERR	ERR
2001	0.0%	0.0%	ERR	ERR	ERR	ERR
2002	0.0%	0.0%	ERR	0.0%	ERR	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.1%	0.2%	0.0%	0.0%	0.1%	0.0%
2006	0.2%	0.4%	0.1%	0.1%	0.1%	0.0%
2007	0.3%	0.7%	0.1%	0.1%	0.3%	0.0%
2008	0.5%	0.9%	0.2%	0.2%	0.4%	0.0%
2009	0.6%	1.2%	0.3%	0.3%	0.5%	0.0%
2010	0.8%	1.5%	0.4%	0.4%	0.7%	0.0%
2011	1.0%	1.8%	0.5%	0.5%	0.8%	0.0%
2012	1.2%	2.1%	0.6%	0.7%	1.0%	0.0%
2013	1.4%	2.4%	0.7%	0.8%	1.2%	0.0%
2014	1.7%	2.8%	0.9%	1.0%	1.5%	0.0%
2015	1.9%	3.1%	1.0%	1.1%	1.7%	0.0%
2016	2.2%	3.4%	1.2%	1.3%	1.9%	0.0%
2017	2.4%	3.8%	1.4%	1.5%	2.2%	0.0%
2018	2.6%	4.1%	1.5%	1.6%	2.4%	0.0%
2019	2.8%	4.4%	1.5%	1.6%	2.1%	0.0%
2020	2.9%	4.6%	1.6%	1.7%	2.3%	0.0%
2021	3.0%	4.7%	1.5%	1.6%	1.9%	0.0%
2022	3.1%	4.9%	1.7%	1.8%	2.6%	0.0%
2023	3.3%	5.2%	1.8%	1.9%	2.7%	0.0%
2024	3.5%	5.5%	1.9%	2.1%	2.9%	0.0%
2025	3.7%	5.7%	2.1%	2.2%	3.1%	0.0%
2026	3.9%	5.9%	2.2%	2.3%	3.3%	0.0%
2027	4.0%	6.2%	2.3%	2.5%	3.5%	0.0%
2028	4.2%	6.4%	2.5%	2.6%	3.6%	0.0%
2029	4.3%	6.6%	2.6%	2.7%	3.8%	0.0%
2030	4.5%	6.8%	2.7%	2.8%	3.9%	0.0%

ANNUAL OUTMIGRATION RATE FOR OVER 65 POPULATION FALLS BY 50 PERCENT
LARGER POPULATION REQUIRES REDUCTION IN THE PERMANENT FUND DIVIDEND ACCOUNT

2004 IMPACT CASE
GENERIC RAPID GROWTH IN RETIREES

TABLE 2A. WAGE AND SALARY EMPLOYMENT (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.1	0.0	0.0	0.0	0.0
2006	0.3	0.1	0.0	0.0	0.1
2007	0.5	0.2	0.1	0.0	0.1
2008	0.7	0.4	0.1	0.0	0.2
2009	0.9	0.5	0.1	0.1	0.2
2010	1.3	0.7	0.2	0.1	0.3
2011	1.7	0.9	0.3	0.1	0.4
2012	2.1	1.1	0.3	0.1	0.6
2013	2.6	1.3	0.4	0.2	0.7
2014	3.1	1.6	0.5	0.2	0.8
2015	3.6	1.8	0.6	0.2	1.0
2016	4.2	2.1	0.7	0.3	1.1
2017	4.8	2.4	0.8	0.3	1.3
2018	5.4	2.7	0.9	0.4	1.5
2019	5.4	2.6	0.9	0.3	1.5
2020	5.7	2.8	1.0	0.4	1.6
2021	5.4	2.6	0.9	0.3	1.6
2022	6.3	3.1	1.1	0.4	1.8
2023	6.9	3.3	1.2	0.4	1.9
2024	7.4	3.6	1.4	0.5	2.0
2025	8.1	3.9	1.5	0.5	2.1
2026	8.7	4.2	1.7	0.5	2.3
2027	9.3	4.5	1.9	0.6	2.4
2028	9.9	4.7	2.0	0.6	2.5
2029	10.5	5.0	2.2	0.6	2.6
2030	11.1	5.3	2.4	0.7	2.7

2004 IMPACT CASE
GENERIC RAPID GROWTH IN RETIREES

TABLE 2B. WAGE AND SALARY EMPLOYMENT
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	ERR	0.0%	0.0%	0.0%	ERR
2001	ERR	0.0%	0.0%	0.0%	ERR
2002	0.0%	0.0%	0.0%	0.0%	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.1%	0.0%	0.0%
2006	0.1%	0.1%	0.2%	0.1%	0.1%
2007	0.1%	0.2%	0.3%	0.2%	0.1%
2008	0.2%	0.2%	0.5%	0.3%	0.1%
2009	0.3%	0.3%	0.7%	0.4%	0.2%
2010	0.4%	0.5%	1.0%	0.5%	0.3%
2011	0.5%	0.6%	1.3%	0.6%	0.3%
2012	0.7%	0.7%	1.6%	0.8%	0.4%
2013	0.8%	0.9%	1.9%	0.9%	0.5%
2014	1.0%	1.0%	2.2%	1.1%	0.6%
2015	1.1%	1.2%	2.6%	1.3%	0.7%
2016	1.3%	1.4%	3.0%	1.4%	0.9%
2017	1.5%	1.6%	3.3%	1.6%	1.0%
2018	1.6%	1.7%	3.7%	1.8%	1.1%
2019	1.6%	1.7%	3.5%	1.7%	1.1%
2020	1.7%	1.8%	3.7%	1.8%	1.2%
2021	1.6%	1.6%	3.3%	1.6%	1.1%
2022	1.8%	1.9%	3.9%	1.9%	1.3%
2023	1.9%	2.0%	4.2%	2.0%	1.3%
2024	2.1%	2.2%	4.5%	2.1%	1.4%
2025	2.2%	2.3%	4.8%	2.3%	1.5%
2026	2.3%	2.4%	5.1%	2.4%	1.6%
2027	2.5%	2.6%	5.4%	2.5%	1.6%
2028	2.6%	2.7%	5.6%	2.6%	1.7%
2029	2.7%	2.8%	5.9%	2.7%	1.8%
2030	2.8%	2.9%	6.1%	2.8%	1.8%

2004 IMPACT CASE
GENERIC RAPID GROWTH IN RETIREES

TABLE 3A. POPULATION (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	-0.0
2001	0.0	0.0	0.0	0.0	-0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	-0.0	0.0	-0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.6	0.3	0.1	0.0	0.2
2006	1.3	0.6	0.2	0.1	0.5
2007	2.2	0.9	0.3	0.2	0.8
2008	3.2	1.4	0.5	0.3	1.1
2009	4.3	1.8	0.7	0.3	1.5
2010	5.5	2.3	0.9	0.4	1.9
2011	7.0	2.9	1.1	0.5	2.4
2012	8.8	3.7	1.4	0.7	3.0
2013	10.5	4.3	1.8	0.8	3.6
2014	12.3	5.0	2.1	0.9	4.2
2015	14.3	5.8	2.5	1.1	4.8
2016	16.3	6.6	2.9	1.2	5.5
2017	18.4	7.4	3.4	1.4	6.2
2018	20.6	8.3	3.8	1.5	7.0
2019	22.2	8.8	4.1	1.6	7.6
2020	23.4	9.2	4.4	1.7	8.0
2021	24.3	9.5	4.5	1.8	8.5
2022	25.7	10.1	4.9	1.9	8.9
2023	27.9	10.9	5.5	2.0	9.5
2024	29.9	11.7	6.0	2.2	10.1
2025	32.0	12.4	6.6	2.3	10.7
2026	34.0	13.2	7.1	2.5	11.2
2027	36.0	13.9	7.7	2.6	11.8
2028	38.1	14.7	8.4	2.7	12.3
2029	40.1	15.4	9.0	2.9	12.9
2030	42.1	16.1	9.6	3.0	13.4

2004 IMPACT CASE
GENERIC RAPID GROWTH IN RETIREES

TABLE 3B. POPULATION
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0%	0.0%	0.0%	0.0%	-0.0%
2001	0.0%	0.0%	0.0%	0.0%	-0.0%
2002	0.0%	0.0%	0.0%	0.0%	0.0%
2003	0.0%	0.0%	-0.0%	0.0%	-0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.1%	0.1%	0.1%	0.1%	0.1%
2006	0.2%	0.2%	0.2%	0.2%	0.2%
2007	0.3%	0.3%	0.4%	0.3%	0.3%
2008	0.5%	0.5%	0.6%	0.5%	0.4%
2009	0.6%	0.6%	0.8%	0.6%	0.6%
2010	0.8%	0.8%	1.0%	0.8%	0.7%
2011	1.0%	1.0%	1.3%	1.0%	0.9%
2012	1.2%	1.2%	1.6%	1.2%	1.1%
2013	1.4%	1.4%	1.9%	1.4%	1.3%
2014	1.7%	1.6%	2.2%	1.6%	1.5%
2015	1.9%	1.9%	2.6%	1.9%	1.7%
2016	2.2%	2.1%	2.9%	2.1%	1.9%
2017	2.4%	2.4%	3.2%	2.3%	2.2%
2018	2.6%	2.6%	3.6%	2.6%	2.4%
2019	2.8%	2.7%	3.7%	2.7%	2.6%
2020	2.9%	2.8%	3.9%	2.7%	2.7%
2021	3.0%	2.8%	3.9%	2.8%	2.8%
2022	3.1%	3.0%	4.1%	2.9%	2.9%
2023	3.3%	3.2%	4.4%	3.1%	3.1%
2024	3.5%	3.4%	4.7%	3.3%	3.2%
2025	3.7%	3.5%	4.9%	3.4%	3.3%
2026	3.9%	3.7%	5.2%	3.6%	3.5%
2027	4.0%	3.9%	5.4%	3.8%	3.6%
2028	4.2%	4.0%	5.7%	3.9%	3.8%
2029	4.3%	4.2%	5.9%	4.0%	3.9%
2030	4.5%	4.3%	6.2%	4.2%	4.0%

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

SENSITIVITY CASE 7

GENERIC SLOW GROWTH OF U.S. PRODUCTIVITY

2004 IMPACT CASE
GENERIC SLOW GROWTH OF US PRODUCTIVITY

TABLE 1A. STATE SUMMARY
CHANGE FROM BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOYMENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	0.0	0.0	0.0	0.0	$0	$0
2001	0.0	0.0	0.0	0.0	$0	$0
2002	0.0	0.0	0.0	0.0	$0	$0
2003	0.0	0.0	0.0	0.0	$0	$0
2004	0.0	0.0	0.0	0.0	$0	$0
2005	0.0	0.0	-0.0	-0.0	($41)	($0)
2006	-0.2	-0.1	-0.3	-0.2	($104)	($0)
2007	-0.7	-0.2	-0.6	-0.4	($174)	($0)
2008	-1.3	-0.5	-1.2	-0.9	($255)	($0)
2009	-2.1	-0.7	-1.7	-1.3	($336)	($0)
2010	-3.0	-1.1	-2.4	-1.9	($422)	($0)
2011	-4.1	-1.5	-3.1	-2.4	($514)	($0)
2012	-5.6	-2.0	-4.0	-3.1	($616)	($0)
2013	-7.0	-2.5	-4.9	-3.7	($724)	($0)
2014	-8.5	-3.0	-5.9	-4.5	($837)	($0)
2015	-10.3	-3.6	-7.0	-5.4	($954)	($0)
2016	-12.1	-4.3	-8.2	-6.3	($1,076)	($0)
2017	-14.1	-5.0	-9.5	-7.2	($1,208)	($0)
2018	-16.3	-5.8	-10.9	-8.3	($1,351)	($0)
2019	-18.7	-6.7	-12.4	-9.4	($1,501)	($0)
2020	-21.1	-7.5	-13.9	-10.6	($1,659)	($0)
2021	-23.8	-8.5	-15.6	-11.9	($1,828)	($0)
2022	-26.6	-9.5	-17.4	-13.2	($2,003)	($0)
2023	-29.5	-10.5	-19.3	-14.6	($2,186)	($0)
2024	-32.6	-11.7	-21.2	-16.0	($2,379)	($0)
2025	-35.8	-12.8	-23.2	-17.5	($2,577)	($0)
2026	-39.0	-14.0	-25.3	-19.1	($2,784)	($0)
2027	-42.5	-15.3	-27.6	-20.7	($3,003)	($0)
2028	-46.2	-16.7	-30.0	-22.5	($3,236)	($0)
2029	-50.2	-18.1	-32.5	-24.3	($3,482)	($0)
2030	-54.4	-19.7	-35.2	-26.4	($3,745)	($0)

2004 IMPACT CASE
GENERIC SLOW GROWTH OF US PRODUCTIVITY

TABLE 1B. PROJECTION SUMMARY
PERCENT CHANGE FROM BASE CASE

	POPULA-TION (000)	HOUSE-HOLDS (000)	TOTAL EMPLOY (000)	WAGE AND SALARY EMPLOY (000)	PERSONAL INCOME (MILL 00$)	PETROL-EUM REVENUES (MILL 00$)
2000	0.0%	0.0%	ERR	ERR	ERR	ERR
2001	0.0%	0.0%	ERR	ERR	ERR	ERR
2002	0.0%	0.0%	ERR	0.0%	ERR	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	-0.0%	-0.0%	-0.2%	-0.0%
2006	-0.0%	-0.0%	-0.1%	-0.1%	-0.5%	-0.0%
2007	-0.1%	-0.1%	-0.1%	-0.1%	-0.8%	-0.0%
2008	-0.2%	-0.2%	-0.3%	-0.3%	-1.1%	-0.0%
2009	-0.3%	-0.3%	-0.4%	-0.4%	-1.4%	-0.0%
2010	-0.4%	-0.4%	-0.6%	-0.6%	-1.8%	-0.0%
2011	-0.6%	-0.6%	-0.7%	-0.8%	-2.1%	-0.0%
2012	-0.8%	-0.7%	-0.9%	-1.0%	-2.5%	-0.0%
2013	-1.0%	-0.9%	-1.1%	-1.2%	-3.0%	-0.0%
2014	-1.1%	-1.1%	-1.3%	-1.4%	-3.4%	-0.0%
2015	-1.4%	-1.3%	-1.5%	-1.6%	-3.8%	-0.0%
2016	-1.6%	-1.5%	-1.8%	-1.9%	-4.3%	-0.0%
2017	-1.8%	-1.7%	-2.0%	-2.2%	-4.7%	-0.0%
2018	-2.1%	-2.0%	-2.3%	-2.5%	-5.2%	-0.0%
2019	-2.4%	-2.2%	-2.6%	-2.8%	-5.7%	-0.0%
2020	-2.6%	-2.5%	-2.9%	-3.1%	-6.2%	-0.0%
2021	-2.9%	-2.8%	-3.2%	-3.4%	-6.7%	-0.0%
2022	-3.2%	-3.0%	-3.5%	-3.8%	-7.2%	-0.0%
2023	-3.5%	-3.3%	-3.9%	-4.1%	-7.7%	-0.0%
2024	-3.8%	-3.6%	-4.2%	-4.4%	-8.3%	-0.0%
2025	-4.1%	-3.9%	-4.5%	-4.8%	-8.8%	-0.0%
2026	-4.4%	-4.2%	-4.9%	-5.1%	-9.4%	-0.0%
2027	-4.7%	-4.5%	-5.2%	-5.5%	-9.9%	-0.0%
2028	-5.1%	-4.9%	-5.6%	-5.9%	-10.5%	-0.0%
2029	-5.4%	-5.2%	-6.0%	-6.3%	-11.0%	-0.0%
2030	-5.8%	-5.5%	-6.4%	-6.7%	-11.6%	-0.0%

GROWTH RATE IN REAL US WAGE SLOWS TO 1 PERCENT ANNUALLY
GROWTH RATE IN REAL PER CAPITA US INCOME FROM DIVIDENDS-INTEREST-RENT SLOWS TO 0 PERCENT ANNUALLY

2004 IMPACT CASE
GENERIC SLOW GROWTH OF US PRODUCTIVITY

TABLE 2A. WAGE AND SALARY EMPLOYMENT (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	-0.0	-0.0	-0.0	-0.0	0.1
2006	-0.2	-0.2	-0.1	-0.0	0.1
2007	-0.4	-0.3	-0.1	-0.1	0.1
2008	-0.9	-0.6	-0.2	-0.1	-0.0
2009	-1.3	-0.8	-0.3	-0.1	-0.0
2010	-1.9	-1.2	-0.4	-0.2	-0.1
2011	-2.4	-1.5	-0.5	-0.2	-0.2
2012	-3.1	-1.8	-0.6	-0.3	-0.3
2013	-3.7	-2.2	-0.7	-0.4	-0.4
2014	-4.5	-2.6	-0.9	-0.4	-0.6
2015	-5.4	-3.1	-1.0	-0.5	-0.8
2016	-6.3	-3.5	-1.2	-0.6	-1.0
2017	-7.2	-4.0	-1.4	-0.6	-1.2
2018	-8.3	-4.6	-1.6	-0.7	-1.5
2019	-9.4	-5.1	-1.8	-0.8	-1.7
2020	-10.6	-5.7	-2.0	-0.9	-1.9
2021	-11.9	-6.4	-2.3	-1.0	-2.2
2022	-13.2	-7.0	-2.5	-1.1	-2.5
2023	-14.6	-7.7	-2.8	-1.2	-2.8
2024	-16.0	-8.4	-3.1	-1.3	-3.1
2025	-17.5	-9.2	-3.5	-1.4	-3.4
2026	-19.1	-9.9	-3.8	-1.5	-3.8
2027	-20.7	-10.7	-4.2	-1.7	-4.1
2028	-22.5	-11.6	-4.7	-1.8	-4.5
2029	-24.3	-12.5	-5.1	-1.9	-4.8
2030	-26.4	-13.4	-5.6	-2.1	-5.3

2004 IMPACT CASE
GENERIC SLOW GROWTH OF US PRODUCTIVITY

TABLE 2B. WAGE AND SALARY EMPLOYMENT
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	ERR	0.0%	0.0%	0.0%	ERR
2001	ERR	0.0%	0.0%	0.0%	ERR
2002	0.0%	0.0%	0.0%	0.0%	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	-0.0%	-0.0%	-0.1%	-0.1%	0.0%
2006	-0.1%	-0.1%	-0.3%	-0.2%	0.0%
2007	-0.1%	-0.2%	-0.6%	-0.3%	0.1%
2008	-0.3%	-0.4%	-1.0%	-0.6%	-0.0%
2009	-0.4%	-0.6%	-1.4%	-0.8%	-0.0%
2010	-0.6%	-0.8%	-1.9%	-1.1%	-0.1%
2011	-0.8%	-1.0%	-2.3%	-1.3%	-0.2%
2012	-1.0%	-1.2%	-2.9%	-1.6%	-0.3%
2013	-1.2%	-1.5%	-3.4%	-1.9%	-0.3%
2014	-1.4%	-1.7%	-4.0%	-2.3%	-0.5%
2015	-1.6%	-2.0%	-4.5%	-2.6%	-0.6%
2016	-1.9%	-2.3%	-5.1%	-2.9%	-0.7%
2017	-2.2%	-2.6%	-5.7%	-3.3%	-0.9%
2018	-2.5%	-2.9%	-6.3%	-3.6%	-1.1%
2019	-2.8%	-3.3%	-6.9%	-4.0%	-1.3%
2020	-3.1%	-3.6%	-7.6%	-4.4%	-1.4%
2021	-3.4%	-3.9%	-8.2%	-4.8%	-1.6%
2022	-3.8%	-4.3%	-8.9%	-5.2%	-1.8%
2023	-4.1%	-4.7%	-9.5%	-5.6%	-2.0%
2024	-4.4%	-5.0%	-10.2%	-6.0%	-2.2%
2025	-4.8%	-5.4%	-10.8%	-6.5%	-2.4%
2026	-5.1%	-5.8%	-11.5%	-6.9%	-2.6%
2027	-5.5%	-6.2%	-12.2%	-7.3%	-2.8%
2028	-5.9%	-6.6%	-12.9%	-7.8%	-3.0%
2029	-6.3%	-7.0%	-13.6%	-8.2%	-3.2%
2030	-6.7%	-7.4%	-14.3%	-8.7%	-3.5%

2004 IMPACT CASE
GENERIC SLOW GROWTH OF US PRODUCTIVITY

TABLE 3A. POPULATION (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	-0.0
2001	0.0	0.0	0.0	0.0	-0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	-0.0	0.0	-0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	-0.0	-0.0	-0.0	0.1
2006	-0.2	-0.2	-0.1	-0.0	0.1
2007	-0.7	-0.5	-0.2	-0.1	0.2
2008	-1.3	-0.9	-0.4	-0.2	0.1
2009	-2.1	-1.3	-0.6	-0.3	0.0
2010	-3.0	-1.7	-0.8	-0.4	-0.1
2011	-4.1	-2.3	-1.1	-0.5	-0.3
2012	-5.6	-3.0	-1.4	-0.6	-0.6
2013	-7.0	-3.6	-1.8	-0.8	-0.8
2014	-8.5	-4.3	-2.2	-0.9	-1.1
2015	-10.3	-5.1	-2.6	-1.1	-1.4
2016	-12.1	-6.0	-3.0	-1.3	-1.8
2017	-14.1	-6.8	-3.5	-1.4	-2.3
2018	-16.3	-7.9	-4.1	-1.6	-2.8
2019	-18.7	-8.9	-4.6	-1.8	-3.3
2020	-21.1	-10.0	-5.3	-2.1	-3.8
2021	-23.8	-11.1	-5.9	-2.3	-4.4
2022	-26.6	-12.3	-6.7	-2.5	-5.0
2023	-29.5	-13.6	-7.4	-2.8	-5.7
2024	-32.6	-14.9	-8.3	-3.1	-6.3
2025	-35.8	-16.2	-9.2	-3.3	-7.0
2026	-39.0	-17.6	-10.1	-3.6	-7.6
2027	-42.5	-19.0	-11.2	-3.9	-8.4
2028	-46.2	-20.6	-12.2	-4.2	-9.1
2029	-50.2	-22.2	-13.4	-4.6	-10.0
2030	-54.4	-23.9	-14.7	-4.9	-10.9

2004 IMPACT CASE
GENERIC SLOW GROWTH OF US PRODUCTIVITY

TABLE 3B. POPULATION
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0%	0.0%	0.0%	0.0%	-0.0%
2001	0.0%	0.0%	0.0%	0.0%	-0.0%
2002	0.0%	0.0%	0.0%	0.0%	0.0%
2003	0.0%	0.0%	-0.0%	0.0%	-0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	-0.0%	-0.0%	-0.0%	0.0%
2006	-0.0%	-0.1%	-0.1%	-0.1%	0.1%
2007	-0.1%	-0.2%	-0.3%	-0.2%	0.1%
2008	-0.2%	-0.3%	-0.5%	-0.3%	0.0%
2009	-0.3%	-0.4%	-0.7%	-0.5%	0.0%
2010	-0.4%	-0.6%	-1.0%	-0.7%	-0.0%
2011	-0.6%	-0.8%	-1.3%	-0.9%	-0.1%
2012	-0.8%	-1.0%	-1.6%	-1.1%	-0.2%
2013	-1.0%	-1.2%	-1.9%	-1.4%	-0.3%
2014	-1.1%	-1.4%	-2.3%	-1.6%	-0.4%
2015	-1.4%	-1.7%	-2.6%	-1.9%	-0.5%
2016	-1.6%	-1.9%	-3.0%	-2.1%	-0.6%
2017	-1.8%	-2.2%	-3.4%	-2.4%	-0.8%
2018	-2.1%	-2.4%	-3.8%	-2.7%	-1.0%
2019	-2.4%	-2.7%	-4.2%	-3.0%	-1.1%
2020	-2.6%	-3.0%	-4.6%	-3.3%	-1.3%
2021	-2.9%	-3.3%	-5.1%	-3.6%	-1.5%
2022	-3.2%	-3.6%	-5.5%	-4.0%	-1.6%
2023	-3.5%	-4.0%	-6.0%	-4.3%	-1.8%
2024	-3.8%	-4.3%	-6.4%	-4.6%	-2.0%
2025	-4.1%	-4.6%	-6.9%	-5.0%	-2.2%
2026	-4.4%	-5.0%	-7.4%	-5.3%	-2.4%
2027	-4.7%	-5.3%	-7.8%	-5.7%	-2.6%
2028	-5.1%	-5.7%	-8.3%	-6.1%	-2.8%
2029	-5.4%	-6.0%	-8.9%	-6.4%	-3.0%
2030	-5.8%	-6.4%	-9.4%	-6.8%	-3.2%

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

SENSITIVITY CASE 8

GENERIC RAPID MINING SECTOR GROWTH

2004 IMPACT CASE
GENERIC RAPID MINING SECTOR GROWTH

TABLE 1A. STATE SUMMARY
CHANGE FROM BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOYMENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	0.0	0.0	0.0	0.0	$0	$0
2001	0.0	0.0	0.0	0.0	$0	$0
2002	0.0	0.0	0.0	0.0	$0	$0
2003	0.0	0.0	0.0	0.0	$0	$0
2004	0.0	0.0	0.0	0.0	$0	$0
2005	0.0	0.0	0.0	0.0	$1	$0
2006	0.0	0.0	0.0	0.0	$1	$0
2007	0.0	0.0	0.0	0.0	$1	$0
2008	0.0	0.0	0.0	0.0	$1	$0
2009	0.0	0.0	0.0	0.0	$1	$0
2010	0.5	0.2	0.7	0.5	$24	$0
2011	1.1	0.4	0.8	0.6	$33	$0
2012	1.6	0.5	1.1	0.9	$51	$0
2013	2.1	0.7	1.5	1.1	$70	$0
2014	2.6	0.9	1.8	1.4	$90	$0
2015	3.2	1.1	2.2	1.7	$111	$0
2016	3.9	1.4	2.6	2.0	$133	$0
2017	4.5	1.6	3.0	2.3	$156	$0
2018	5.2	1.8	3.4	2.6	$180	$0
2019	5.9	2.1	3.8	2.9	$205	$0
2020	6.6	2.4	4.3	3.3	$230	$0
2021	7.4	2.6	4.8	3.6	$257	$0
2022	8.2	2.9	5.3	4.0	$284	$0
2023	9.0	3.2	5.7	4.3	$312	$0
2024	9.8	3.5	6.2	4.7	$341	$0
2025	10.6	3.8	6.7	5.1	$370	$0
2026	11.4	4.1	7.3	5.4	$400	$0
2027	12.3	4.4	7.8	5.8	$431	$0
2028	13.2	4.8	8.4	6.3	$464	$0
2029	14.1	5.1	9.0	6.7	$498	$0
2030	15.1	5.5	9.6	7.1	$535	$0

MINING EMPLOYMENT GROWS 3 PERCENT ANNUALLY AFTER 2011
CONSTRUCTION EMPLOYMENT OF 250 ANNUALLY PROVIDES INFRASTRUCTURE

2004 IMPACT CASE
GENERIC RAPID MINING SECTOR GROWTH

TABLE 1B. PROJECTION SUMMARY
PERCENT CHANGE FROM BASE CASE

	POPULA-TION (000)	HOUSE-HOLDS (000)	TOTAL EMPLOY (000)	WAGE AND SALARY EMPLOY (000)	PERSONAL INCOME (MILL 00$)	PETROL-EUM REVENUES (MILL 00$)
2000	0.0%	0.0%	ERR	ERR	ERR	ERR
2001	0.0%	0.0%	ERR	ERR	ERR	ERR
2002	0.0%	0.0%	ERR	0.0%	ERR	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2009	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2010	0.1%	0.1%	0.2%	0.2%	0.1%	0.0%
2011	0.2%	0.1%	0.2%	0.2%	0.1%	0.0%
2012	0.2%	0.2%	0.3%	0.3%	0.2%	0.0%
2013	0.3%	0.3%	0.3%	0.3%	0.3%	0.0%
2014	0.4%	0.3%	0.4%	0.4%	0.4%	0.0%
2015	0.4%	0.4%	0.5%	0.5%	0.4%	0.0%
2016	0.5%	0.5%	0.6%	0.6%	0.5%	0.0%
2017	0.6%	0.6%	0.6%	0.7%	0.6%	0.0%
2018	0.7%	0.6%	0.7%	0.8%	0.7%	0.0%
2019	0.7%	0.7%	0.8%	0.9%	0.8%	0.0%
2020	0.8%	0.8%	0.9%	1.0%	0.9%	0.0%
2021	0.9%	0.9%	1.0%	1.0%	0.9%	0.0%
2022	1.0%	0.9%	1.1%	1.1%	1.0%	0.0%
2023	1.1%	1.0%	1.1%	1.2%	1.1%	0.0%
2024	1.1%	1.1%	1.2%	1.3%	1.2%	0.0%
2025	1.2%	1.2%	1.3%	1.4%	1.3%	0.0%
2026	1.3%	1.2%	1.4%	1.5%	1.3%	0.0%
2027	1.4%	1.3%	1.5%	1.6%	1.4%	0.0%
2028	1.5%	1.4%	1.6%	1.6%	1.5%	0.0%
2029	1.5%	1.5%	1.7%	1.7%	1.6%	0.0%
2030	1.6%	1.5%	1.7%	1.8%	1.7%	0.0%

2004 IMPACT CASE
GENERIC RAPID MINING SECTOR GROWTH

TABLE 2A. WAGE AND SALARY EMPLOYMENT (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0
2006	0.0	0.0	0.0	0.0	0.0
2007	0.0	0.0	0.0	0.0	0.0
2008	0.0	0.0	0.0	0.0	0.0
2009	0.0	0.0	0.0	0.0	0.0
2010	0.5	0.3	0.0	0.0	0.2
2011	0.6	0.3	0.1	0.0	0.2
2012	0.9	0.5	0.1	0.1	0.3
2013	1.1	0.6	0.1	0.1	0.3
2014	1.4	0.7	0.1	0.1	0.4
2015	1.7	0.9	0.2	0.1	0.5
2016	2.0	1.0	0.2	0.1	0.6
2017	2.3	1.2	0.2	0.2	0.7
2018	2.6	1.3	0.3	0.2	0.8
2019	2.9	1.5	0.3	0.2	0.9
2020	3.3	1.7	0.4	0.2	1.0
2021	3.6	1.8	0.4	0.2	1.1
2022	4.0	2.0	0.5	0.3	1.2
2023	4.3	2.2	0.5	0.3	1.3
2024	4.7	2.4	0.6	0.3	1.4
2025	5.1	2.6	0.7	0.3	1.5
2026	5.4	2.7	0.7	0.4	1.6
2027	5.8	2.9	0.8	0.4	1.7
2028	6.3	3.1	0.9	0.4	1.8
2029	6.7	3.4	1.0	0.5	1.9
2030	7.1	3.6	1.1	0.5	2.0

2004 IMPACT CASE
GENERIC RAPID MINING SECTOR GROWTH

TABLE 2B. WAGE AND SALARY EMPLOYMENT
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	ERR	0.0%	0.0%	0.0%	ERR
2001	ERR	0.0%	0.0%	0.0%	ERR
2002	0.0%	0.0%	0.0%	0.0%	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.0%	0.0%	0.0%	0.0%	0.0%
2008	0.0%	0.0%	0.0%	0.0%	0.0%
2009	0.0%	0.0%	0.0%	0.0%	0.0%
2010	0.2%	0.2%	0.2%	0.2%	0.1%
2011	0.2%	0.2%	0.3%	0.2%	0.2%
2012	0.3%	0.3%	0.4%	0.3%	0.2%
2013	0.3%	0.4%	0.5%	0.4%	0.3%
2014	0.4%	0.5%	0.6%	0.5%	0.3%
2015	0.5%	0.6%	0.8%	0.6%	0.4%
2016	0.6%	0.7%	0.9%	0.7%	0.5%
2017	0.7%	0.8%	1.0%	0.8%	0.5%
2018	0.8%	0.9%	1.2%	0.9%	0.6%
2019	0.9%	0.9%	1.3%	1.0%	0.7%
2020	1.0%	1.0%	1.4%	1.1%	0.7%
2021	1.0%	1.1%	1.6%	1.2%	0.8%
2022	1.1%	1.2%	1.7%	1.3%	0.9%
2023	1.2%	1.3%	1.8%	1.4%	0.9%
2024	1.3%	1.4%	2.0%	1.5%	1.0%
2025	1.4%	1.5%	2.1%	1.6%	1.0%
2026	1.5%	1.6%	2.2%	1.7%	1.1%
2027	1.6%	1.7%	2.4%	1.8%	1.2%
2028	1.6%	1.8%	2.5%	1.9%	1.2%
2029	1.7%	1.9%	2.6%	2.0%	1.3%
2030	1.8%	2.0%	2.8%	2.1%	1.3%

2004 IMPACT CASE
GENERIC RAPID MINING SECTOR GROWTH

TABLE 3A. POPULATION (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	-0.0
2001	0.0	0.0	0.0	0.0	-0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	-0.0	0.0	-0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0
2006	0.0	0.0	0.0	0.0	0.0
2007	0.0	0.0	0.0	0.0	0.0
2008	0.0	0.0	0.0	0.0	0.0
2009	0.0	0.0	0.0	0.0	0.0
2010	0.5	0.3	0.1	0.0	0.1
2011	1.1	0.5	0.1	0.1	0.3
2012	1.6	0.8	0.2	0.1	0.5
2013	2.1	1.0	0.3	0.2	0.6
2014	2.6	1.2	0.4	0.2	0.8
2015	3.2	1.5	0.5	0.3	1.0
2016	3.9	1.8	0.6	0.3	1.2
2017	4.5	2.1	0.7	0.4	1.4
2018	5.2	2.4	0.8	0.4	1.6
2019	5.9	2.7	0.9	0.5	1.8
2020	6.6	3.0	1.1	0.6	2.0
2021	7.4	3.3	1.2	0.6	2.2
2022	8.2	3.7	1.4	0.7	2.4
2023	9.0	4.0	1.5	0.8	2.7
2024	9.8	4.4	1.7	0.8	2.9
2025	10.6	4.7	1.9	0.9	3.1
2026	11.4	5.1	2.1	1.0	3.3
2027	12.3	5.4	2.3	1.0	3.5
2028	13.2	5.8	2.5	1.1	3.8
2029	14.1	6.2	2.7	1.2	4.0
2030	15.1	6.6	3.0	1.3	4.3

2004 IMPACT CASE
GENERIC RAPID MINING SECTOR GROWTH

TABLE 3B. POPULATION
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0%	0.0%	0.0%	0.0%	-0.0%
2001	0.0%	0.0%	0.0%	0.0%	-0.0%
2002	0.0%	0.0%	0.0%	0.0%	0.0%
2003	0.0%	0.0%	-0.0%	0.0%	-0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.0%	0.0%	0.0%	0.0%	0.0%
2008	0.0%	0.0%	0.0%	0.0%	0.0%
2009	0.0%	0.0%	0.0%	0.0%	0.0%
2010	0.1%	0.1%	0.1%	0.1%	0.0%
2011	0.2%	0.2%	0.2%	0.2%	0.1%
2012	0.2%	0.3%	0.2%	0.2%	0.2%
2013	0.3%	0.3%	0.3%	0.3%	0.2%
2014	0.4%	0.4%	0.4%	0.4%	0.3%
2015	0.4%	0.5%	0.5%	0.5%	0.3%
2016	0.5%	0.6%	0.6%	0.6%	0.4%
2017	0.6%	0.7%	0.7%	0.6%	0.5%
2018	0.7%	0.7%	0.8%	0.7%	0.5%
2019	0.7%	0.8%	0.9%	0.8%	0.6%
2020	0.8%	0.9%	0.9%	0.9%	0.7%
2021	0.9%	1.0%	1.0%	1.0%	0.7%
2022	1.0%	1.1%	1.1%	1.1%	0.8%
2023	1.1%	1.2%	1.2%	1.2%	0.9%
2024	1.1%	1.3%	1.3%	1.2%	0.9%
2025	1.2%	1.3%	1.4%	1.3%	1.0%
2026	1.3%	1.4%	1.5%	1.4%	1.0%
2027	1.4%	1.5%	1.6%	1.5%	1.1%
2028	1.5%	1.6%	1.7%	1.6%	1.1%
2029	1.5%	1.7%	1.8%	1.7%	1.2%
2030	1.6%	1.8%	1.9%	1.7%	1.3%

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

SENSITIVITY CASE 9

GENERIC ALASKA HIGHWAY GAS LINE

2004 IMPACT CASE
GENERIC AK HIGHWAY GAS LINE

TABLE 1A. STATE SUMMARY
CHANGE FROM BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOYMENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	0.0	0.0	0.0	0.0	$0	$0
2001	0.0	0.0	0.0	0.0	$0	$0
2002	0.0	0.0	0.0	0.0	$0	$0
2003	0.0	0.0	0.0	0.0	$0	$0
2004	0.0	0.0	0.0	0.0	$0	$0
2005	-0.0	0.0	0.0	0.0	$0	$0
2006	-0.0	0.0	0.0	0.0	($0)	$0
2007	-0.0	0.0	0.0	0.0	$0	$0
2008	-0.0	0.0	0.0	0.0	($0)	$0
2009	-0.0	-0.0	-0.1	-0.0	($2)	($0)
2010	1.0	0.3	1.4	1.1	$75	($0)
2011	2.1	0.7	1.5	1.2	$88	$0
2012	4.2	1.5	3.9	3.0	$177	$15
2013	11.3	3.9	10.8	8.2	$541	$19
2014	23.7	8.2	19.5	14.8	$1,009	$36
2015	26.9	9.4	12.6	9.6	$821	$54
2016	22.0	7.8	12.2	9.2	$815	$275
2017	19.3	6.9	10.1	7.7	$717	$267
2018	16.1	5.8	8.3	6.3	$637	$260
2019	13.9	5.1	7.8	5.9	$605	$253
2020	14.0	5.2	8.7	6.6	$631	$246
2021	13.9	5.2	7.7	5.8	$500	$240
2022	13.6	5.1	8.4	6.3	$624	$233
2023	14.1	5.3	8.5	6.4	$632	$227
2024	13.4	5.1	7.5	5.6	$599	$221
2025	12.7	4.9	7.5	5.7	$601	$215
2026	12.8	5.0	7.8	5.9	$508	$209
2027	12.9	5.0	7.7	5.8	$508	$203
2028	12.8	5.0	7.6	5.7	$509	$198
2029	12.7	5.0	7.6	5.7	$510	$192
2030	11.7	4.7	6.2	4.7	$461	$187

2004 IMPACT CASE
GENERIC AK HIGHWAY GAS LINE

TABLE 1B. PROJECTION SUMMARY
PERCENT CHANGE FROM BASE CASE

	POPULA-TION (000)	HOUSE-HOLDS (000)	TOTAL EMPLOY (000)	WAGE AND SALARY EMPLOY (000)	PERSONAL INCOME (MILL 00$)	PETROL-EUM REVENUES (MILL 00$)
2000	0.0%	0.0%	ERR	ERR	ERR	ERR
2001	0.0%	0.0%	ERR	ERR	ERR	ERR
2002	0.0%	0.0%	ERR	0.0%	ERR	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2005	-0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2006	-0.0%	0.0%	0.0%	0.0%	-0.0%	0.0%
2007	-0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2008	-0.0%	0.0%	0.0%	0.0%	-0.0%	0.0%
2009	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2010	0.1%	0.1%	0.3%	0.3%	0.3%	-0.0%
2011	0.3%	0.3%	0.3%	0.4%	0.4%	0.0%
2012	0.6%	0.6%	0.9%	0.9%	0.7%	1.3%
2013	1.5%	1.5%	2.4%	2.6%	2.2%	1.6%
2014	3.2%	3.0%	4.3%	4.6%	4.1%	3.1%
2015	3.6%	3.4%	2.7%	2.9%	3.3%	4.7%
2016	2.9%	2.8%	2.6%	2.8%	3.2%	24.1%
2017	2.5%	2.4%	2.2%	2.3%	2.8%	23.5%
2018	2.1%	2.0%	1.8%	1.9%	2.4%	22.9%
2019	1.8%	1.7%	1.6%	1.8%	2.3%	22.9%
2020	1.7%	1.7%	1.8%	1.9%	2.4%	22.9%
2021	1.7%	1.7%	1.6%	1.7%	1.8%	23.0%
2022	1.6%	1.6%	1.7%	1.8%	2.3%	23.0%
2023	1.7%	1.7%	1.7%	1.8%	2.2%	23.0%
2024	1.6%	1.6%	1.5%	1.6%	2.1%	23.0%
2025	1.5%	1.5%	1.5%	1.5%	2.1%	23.0%
2026	1.5%	1.5%	1.5%	1.6%	1.7%	22.9%
2027	1.4%	1.5%	1.5%	1.5%	1.7%	22.9%
2028	1.4%	1.5%	1.4%	1.5%	1.6%	22.8%
2029	1.4%	1.4%	1.4%	1.5%	1.6%	22.8%
2030	1.2%	1.3%	1.1%	1.2%	1.4%	22.7%

AK HIGHWAY GASLINE CONSTRUCTION INVOLVES 11 THOUSAND MAN YEARS IN ALASKA
CONSTRUCTION PEAKS IN 2014
ANNUAL STATE REVENUES FROM ADDITIONAL PETROLEUM ACTIVITY ARE $400 MILLION ANNUALLY (NOMINAL $)
GREATER REVENUES ALLOWS INCREASE IN PF REVENUES RETAINED IN THE PF DIVIDEND ACCOUNT AND PAID OUT AS DIVIDEND

2004 IMPACT CASE
GENERIC AK HIGHWAY GAS LINE

TABLE 2A. WAGE AND SALARY EMPLOYMENT (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0
2006	0.0	0.0	0.0	0.0	0.0
2007	0.0	0.0	0.0	0.0	0.0
2008	0.0	0.0	0.0	0.0	0.0
2009	-0.0	-0.0	-0.0	-0.0	-0.0
2010	1.1	0.4	0.1	0.0	0.5
2011	1.2	0.5	0.1	0.1	0.4
2012	3.0	0.7	0.2	0.1	1.9
2013	8.2	2.1	0.5	0.2	5.5
2014	14.8	3.9	0.9	0.4	9.7
2015	9.6	3.0	0.9	0.4	5.3
2016	9.2	3.2	1.0	0.5	4.5
2017	7.7	2.8	1.0	0.4	3.5
2018	6.3	2.3	1.0	0.3	2.7
2019	5.9	2.1	1.0	0.3	2.6
2020	6.6	2.3	1.0	0.3	2.9
2021	5.8	2.0	0.8	0.3	2.7
2022	6.3	2.2	0.9	0.3	2.8
2023	6.4	2.3	1.0	0.3	2.8
2024	5.6	1.9	1.0	0.3	2.4
2025	5.7	1.9	1.0	0.3	2.4
2026	5.9	1.9	0.9	0.3	2.7
2027	5.8	1.9	0.9	0.3	2.7
2028	5.7	1.9	0.9	0.3	2.7
2029	5.7	1.8	0.8	0.3	2.7
2030	4.7	1.4	0.8	0.2	2.2

2004 IMPACT CASE
GENERIC AK HIGHWAY GAS LINE

TABLE 2B. WAGE AND SALARY EMPLOYMENT
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	ERR	0.0%	0.0%	0.0%	ERR
2001	ERR	0.0%	0.0%	0.0%	ERR
2002	0.0%	0.0%	0.0%	0.0%	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.0%	0.0%	0.0%	0.0%	0.0%
2008	0.0%	0.0%	0.0%	0.0%	0.0%
2009	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2010	0.3%	0.3%	0.4%	0.1%	0.4%
2011	0.4%	0.4%	0.7%	0.3%	0.3%
2012	0.9%	0.5%	1.0%	0.5%	1.5%
2013	2.6%	1.4%	2.3%	1.1%	4.2%
2014	4.6%	2.6%	4.0%	1.9%	7.4%
2015	2.9%	2.0%	3.8%	2.0%	4.0%
2016	2.8%	2.1%	4.4%	2.3%	3.4%
2017	2.3%	1.8%	4.2%	2.1%	2.6%
2018	1.9%	1.4%	4.0%	1.7%	2.0%
2019	1.8%	1.3%	3.8%	1.6%	1.9%
2020	1.9%	1.5%	3.8%	1.7%	2.1%
2021	1.7%	1.2%	3.0%	1.4%	2.0%
2022	1.8%	1.4%	3.3%	1.5%	2.0%
2023	1.8%	1.4%	3.3%	1.6%	2.0%
2024	1.6%	1.2%	3.2%	1.4%	1.7%
2025	1.5%	1.1%	3.2%	1.4%	1.7%
2026	1.6%	1.1%	2.8%	1.3%	1.9%
2027	1.5%	1.1%	2.5%	1.2%	1.9%
2028	1.5%	1.1%	2.4%	1.2%	1.8%
2029	1.5%	1.0%	2.3%	1.2%	1.8%
2030	1.2%	0.8%	2.1%	1.0%	1.5%

2004 IMPACT CASE
GENERIC AK HIGHWAY GAS LINE

TABLE 3A. POPULATION (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	-0.0
2001	0.0	0.0	0.0	0.0	-0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	-0.0	0.0	0.0	0.0	0.0
2006	-0.0	0.0	0.0	0.0	0.0
2007	-0.0	-0.0	0.0	-0.0	0.0
2008	-0.0	-0.0	-0.0	-0.0	-0.0
2009	-0.0	-0.0	-0.0	-0.0	-0.0
2010	1.0	0.7	0.3	0.2	-0.2
2011	2.1	1.2	0.6	0.3	-0.0
2012	4.2	1.4	0.8	0.4	1.7
2013	11.3	3.1	1.5	0.8	6.0
2014	23.7	6.8	2.8	1.5	12.6
2015	26.9	9.5	4.0	2.0	11.4
2016	22.0	7.8	3.8	1.7	8.7
2017	19.3	7.0	3.7	1.5	7.1
2018	16.1	5.7	3.5	1.3	5.6
2019	13.9	4.8	3.3	1.1	4.7
2020	14.0	4.9	3.2	1.1	4.7
2021	13.9	4.8	3.0	1.1	4.9
2022	13.6	4.8	3.0	1.1	4.7
2023	14.1	5.0	3.1	1.1	4.8
2024	13.4	4.7	3.3	1.1	4.4
2025	12.7	4.4	3.3	1.1	4.0
2026	12.8	4.4	3.1	1.0	4.4
2027	12.9	4.4	2.9	1.0	4.5
2028	12.8	4.3	2.9	1.0	4.5
2029	12.7	4.3	2.8	1.0	4.5
2030	11.7	3.8	2.9	1.0	4.0

2004 IMPACT CASE
GENERIC AK HIGHWAY GAS LINE

TABLE 3B. POPULATION
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0%	0.0%	0.0%	0.0%	-0.0%
2001	0.0%	0.0%	0.0%	0.0%	-0.0%
2002	0.0%	0.0%	0.0%	0.0%	0.0%
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	-0.0%	0.0%	0.0%	0.0%	0.0%
2006	-0.0%	0.0%	0.0%	0.0%	0.0%
2007	-0.0%	-0.0%	0.0%	-0.0%	0.0%
2008	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2009	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2010	0.1%	0.2%	0.4%	0.3%	-0.1%
2011	0.3%	0.4%	0.7%	0.5%	-0.0%
2012	0.6%	0.5%	0.9%	0.7%	0.6%
2013	1.5%	1.0%	1.6%	1.3%	2.2%
2014	3.2%	2.2%	3.0%	2.6%	4.5%
2015	3.6%	3.1%	4.0%	3.4%	4.1%
2016	2.9%	2.5%	3.8%	2.9%	3.1%
2017	2.5%	2.2%	3.6%	2.6%	2.5%
2018	2.1%	1.8%	3.3%	2.1%	1.9%
2019	1.8%	1.5%	3.0%	1.8%	1.6%
2020	1.7%	1.5%	2.8%	1.8%	1.6%
2021	1.7%	1.4%	2.6%	1.8%	1.6%
2022	1.6%	1.4%	2.5%	1.7%	1.5%
2023	1.7%	1.5%	2.5%	1.8%	1.5%
2024	1.6%	1.3%	2.5%	1.7%	1.4%
2025	1.5%	1.2%	2.4%	1.6%	1.3%
2026	1.5%	1.2%	2.2%	1.5%	1.4%
2027	1.4%	1.2%	2.1%	1.5%	1.4%
2028	1.4%	1.2%	2.0%	1.5%	1.4%
2029	1.4%	1.2%	1.9%	1.4%	1.4%
2030	1.2%	1.0%	1.8%	1.3%	1.2%

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

SENSITIVITY CASE 10

GENERIC MILITARY BASE CLOSURE

2004 IMPACT CASE
GENERIC MILITARY BASE CLOSURE

TABLE 1A. STATE SUMMARY
CHANGE FROM BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOYMENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	0.0	0.0	0.0	0.0	$0	$0
2001	0.0	0.0	0.0	0.0	$0	$0
2002	0.0	0.0	0.0	0.0	$0	$0
2003	0.0	0.0	0.0	0.0	$0	$0
2004	0.0	0.0	0.0	0.0	$0	$0
2005	0.0	0.0	0.0	0.0	$0	$0
2006	0.0	0.0	0.0	0.0	$0	$0
2007	0.0	0.0	0.0	0.0	$0	$0
2008	0.0	0.0	0.0	0.0	$0	$0
2009	0.6	0.2	0.9	0.7	$123	$0
2010	-2.0	-0.3	-3.8	0.0	$21	$0
2011	-8.5	-2.1	-10.2	-1.9	($254)	($0)
2012	-17.4	-4.8	-16.4	-4.2	($540)	($0)
2013	-25.9	-7.5	-22.4	-6.7	($820)	($0)
2014	-32.1	-9.6	-24.7	-8.5	($955)	($0)
2015	-37.0	-11.3	-27.4	-10.5	($1,184)	($0)
2016	-40.5	-12.6	-28.7	-11.5	($1,256)	($0)
2017	-42.8	-13.4	-29.8	-12.3	($1,318)	($0)
2018	-44.3	-14.0	-30.5	-12.8	($1,363)	($0)
2019	-45.2	-14.3	-30.8	-13.0	($1,377)	($0)
2020	-45.8	-14.6	-31.0	-13.2	($1,395)	($0)
2021	-46.9	-15.0	-32.2	-14.0	($1,545)	($0)
2022	-47.4	-15.2	-31.6	-13.6	($1,427)	($0)
2023	-47.2	-15.2	-31.7	-13.6	($1,439)	($0)
2024	-47.2	-15.3	-31.8	-13.6	($1,447)	($0)
2025	-47.2	-15.4	-31.7	-13.5	($1,437)	($0)
2026	-47.2	-15.4	-31.7	-13.5	($1,442)	($0)
2027	-47.2	-15.5	-31.8	-13.5	($1,451)	($0)
2028	-47.2	-15.6	-31.9	-13.6	($1,462)	($0)
2029	-47.4	-15.7	-32.0	-13.6	($1,474)	($0)
2030	-47.6	-15.8	-32.2	-13.7	($1,487)	($0)

2004 IMPACT CASE
GENERIC MILITARY BASE CLOSURE

TABLE 1B. PROJECTION SUMMARY
PERCENT CHANGE FROM BASE CASE

	POPULA-TION (000)	HOUSE-HOLDS (000)	TOTAL EMPLOY (000)	WAGE AND SALARY EMPLOY (000)	PERSONAL INCOME (MILL 00$)	PETROL-EUM REVENUES (MILL 00$)
2000	0.0%	0.0%	ERR	ERR	ERR	ERR
2001	0.0%	0.0%	ERR	ERR	ERR	ERR
2002	0.0%	0.0%	ERR	0.0%	ERR	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2009	0.1%	0.1%	0.2%	0.2%	0.5%	0.0%
2010	-0.3%	-0.1%	-0.9%	0.0%	0.1%	0.0%
2011	-1.2%	-0.8%	-2.3%	-0.6%	-1.1%	-0.0%
2012	-2.4%	-1.8%	-3.6%	-1.3%	-2.2%	-0.0%
2013	-3.6%	-2.8%	-5.0%	-2.1%	-3.4%	-0.0%
2014	-4.4%	-3.5%	-5.4%	-2.6%	-3.9%	-0.0%
2015	-4.9%	-4.1%	-6.0%	-3.2%	-4.7%	-0.0%
2016	-5.4%	-4.5%	-6.2%	-3.5%	-5.0%	-0.0%
2017	-5.6%	-4.7%	-6.4%	-3.7%	-5.2%	-0.0%
2018	-5.7%	-4.8%	-6.5%	-3.8%	-5.2%	-0.0%
2019	-5.7%	-4.8%	-6.5%	-3.8%	-5.2%	-0.0%
2020	-5.7%	-4.8%	-6.4%	-3.8%	-5.2%	-0.0%
2021	-5.7%	-4.9%	-6.6%	-4.0%	-5.6%	-0.0%
2022	-5.7%	-4.9%	-6.4%	-3.9%	-5.2%	-0.0%
2023	-5.6%	-4.8%	-6.3%	-3.8%	-5.1%	-0.0%
2024	-5.5%	-4.8%	-6.3%	-3.8%	-5.0%	-0.0%
2025	-5.4%	-4.7%	-6.2%	-3.7%	-4.9%	-0.0%
2026	-5.3%	-4.6%	-6.1%	-3.6%	-4.8%	-0.0%
2027	-5.3%	-4.6%	-6.0%	-3.6%	-4.8%	-0.0%
2028	-5.2%	-4.5%	-6.0%	-3.5%	-4.7%	-0.0%
2029	-5.1%	-4.5%	-5.9%	-3.5%	-4.7%	-0.0%
2030	-5.1%	-4.5%	-5.8%	-3.5%	-4.6%	-0.0%

MILITARY PRESENCE IN ANCHORAGE AND FAIRBANKS CUT IN HALF BETWEEN 2010 AND 2013
SMALLER POPULATION ALLOWS SLIGHT INCREASE IN THE AMOUNT GOING TO THE PF DIVIDEND ACCOUNT.

2004 IMPACT CASE
GENERIC MILITARY BASE CLOSURE

TABLE 2A. WAGE AND SALARY EMPLOYMENT (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0
2006	0.0	0.0	0.0	0.0	0.0
2007	0.0	-0.0	0.0	-0.0	-0.0
2008	-0.0	-0.0	-0.0	-0.0	0.0
2009	0.7	0.4	0.1	0.0	0.1
2010	0.0	-0.3	0.4	0.2	-0.2
2011	-1.9	-1.9	0.7	0.5	-1.1
2012	-4.2	-3.6	0.9	0.6	-2.2
2013	-6.7	-5.6	1.1	0.8	-3.1
2014	-8.5	-6.9	1.3	0.8	-3.7
2015	-10.5	-8.0	1.1	0.7	-4.3
2016	-11.5	-8.6	1.1	0.6	-4.6
2017	-12.3	-9.1	1.0	0.6	-4.9
2018	-12.8	-9.4	1.0	0.6	-5.0
2019	-13.0	-9.5	1.0	0.6	-5.1
2020	-13.2	-9.6	1.0	0.6	-5.1
2021	-14.0	-10.1	0.8	0.5	-5.3
2022	-13.6	-9.9	0.9	0.6	-5.2
2023	-13.6	-9.9	0.9	0.6	-5.2
2024	-13.6	-10.0	1.0	0.6	-5.2
2025	-13.5	-10.0	1.0	0.6	-5.2
2026	-13.5	-10.0	1.0	0.6	-5.1
2027	-13.5	-10.0	1.0	0.6	-5.1
2028	-13.6	-10.1	1.1	0.6	-5.1
2029	-13.6	-10.2	1.1	0.6	-5.2
2030	-13.7	-10.3	1.1	0.6	-5.2

2004 IMPACT CASE
GENERIC MILITARY BASE CLOSURE

TABLE 2B. WAGE AND SALARY EMPLOYMENT
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	ERR	0.0%	0.0%	0.0%	ERR
2001	ERR	0.0%	0.0%	0.0%	ERR
2002	0.0%	0.0%	0.0%	0.0%	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.0%	-0.0%	0.0%	-0.0%	-0.0%
2008	-0.0%	-0.0%	-0.0%	-0.0%	0.0%
2009	0.2%	0.2%	0.6%	0.3%	0.1%
2010	0.0%	-0.2%	1.9%	1.3%	-0.2%
2011	-0.6%	-1.3%	3.3%	2.4%	-0.8%
2012	-1.3%	-2.4%	4.5%	3.4%	-1.7%
2013	-2.1%	-3.7%	5.4%	4.0%	-2.4%
2014	-2.6%	-4.6%	5.8%	4.1%	-2.8%
2015	-3.2%	-5.3%	5.1%	3.6%	-3.3%
2016	-3.5%	-5.7%	4.6%	3.3%	-3.5%
2017	-3.7%	-5.9%	4.3%	3.1%	-3.7%
2018	-3.8%	-6.0%	4.0%	2.9%	-3.8%
2019	-3.8%	-6.0%	3.8%	2.9%	-3.8%
2020	-3.8%	-6.0%	3.7%	2.8%	-3.7%
2021	-4.0%	-6.2%	3.0%	2.6%	-3.8%
2022	-3.9%	-6.1%	3.2%	2.7%	-3.7%
2023	-3.8%	-6.0%	3.2%	2.7%	-3.7%
2024	-3.8%	-6.0%	3.1%	2.7%	-3.7%
2025	-3.7%	-5.9%	3.1%	2.7%	-3.6%
2026	-3.6%	-5.8%	3.1%	2.8%	-3.6%
2027	-3.6%	-5.8%	3.0%	2.8%	-3.5%
2028	-3.5%	-5.7%	3.0%	2.8%	-3.5%
2029	-3.5%	-5.7%	2.9%	2.7%	-3.5%
2030	-3.5%	-5.7%	2.8%	2.7%	-3.4%

2004 IMPACT CASE
GENERIC MILITARY BASE CLOSURE

TABLE 3A. POPULATION (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	-0.0
2001	0.0	0.0	0.0	0.0	-0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0
2006	0.0	0.0	0.0	0.0	0.0
2007	0.0	0.0	0.0	0.0	0.0
2008	0.0	0.0	0.0	0.0	-0.0
2009	0.6	0.4	0.2	0.1	0.1
2010	-2.0	-2.0	0.9	0.4	-1.2
2011	-8.5	-6.7	1.5	0.6	-3.8
2012	-17.4	-12.1	1.9	0.5	-7.7
2013	-25.9	-17.9	2.1	0.5	-10.7
2014	-32.1	-21.4	2.0	0.2	-12.9
2015	-37.0	-24.0	1.6	-0.1	-14.6
2016	-40.5	-25.6	1.3	-0.3	-15.8
2017	-42.8	-26.6	1.0	-0.5	-16.7
2018	-44.3	-27.3	0.8	-0.6	-17.3
2019	-45.2	-27.8	0.8	-0.6	-17.6
2020	-45.8	-28.1	0.7	-0.6	-17.8
2021	-46.9	-28.6	0.5	-0.7	-18.0
2022	-47.4	-28.9	0.5	-0.7	-18.3
2023	-47.2	-28.8	0.6	-0.7	-18.3
2024	-47.2	-28.9	0.7	-0.6	-18.4
2025	-47.2	-29.0	0.7	-0.6	-18.3
2026	-47.2	-29.1	0.8	-0.6	-18.3
2027	-47.2	-29.1	0.9	-0.6	-18.3
2028	-47.2	-29.3	1.0	-0.6	-18.3
2029	-47.4	-29.4	1.0	-0.6	-18.4
2030	-47.6	-29.6	1.0	-0.6	-18.5

2004 IMPACT CASE
GENERIC MILITARY BASE CLOSURE

TABLE 3B. POPULATION
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0%	0.0%	0.0%	0.0%	-0.0%
2001	0.0%	0.0%	0.0%	0.0%	-0.0%
2002	0.0%	0.0%	0.0%	0.0%	0.0%
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.0%	0.0%	0.0%	0.0%	0.0%
2008	0.0%	0.0%	0.0%	0.0%	-0.0%
2009	0.1%	0.1%	0.2%	0.1%	0.0%
2010	-0.3%	-0.7%	1.0%	0.7%	-0.5%
2011	-1.2%	-2.3%	1.7%	1.0%	-1.4%
2012	-2.4%	-4.0%	2.1%	1.0%	-2.9%
2013	-3.6%	-5.9%	2.3%	0.8%	-3.9%
2014	-4.4%	-7.0%	2.1%	0.4%	-4.7%
2015	-4.9%	-7.7%	1.7%	-0.1%	-5.2%
2016	-5.4%	-8.2%	1.2%	-0.5%	-5.6%
2017	-5.6%	-8.4%	1.0%	-0.8%	-5.8%
2018	-5.7%	-8.5%	0.8%	-0.9%	-5.9%
2019	-5.7%	-8.5%	0.7%	-1.0%	-6.0%
2020	-5.7%	-8.5%	0.6%	-1.0%	-6.0%
2021	-5.7%	-8.6%	0.4%	-1.1%	-5.9%
2022	-5.7%	-8.5%	0.4%	-1.1%	-6.0%
2023	-5.6%	-8.4%	0.5%	-1.0%	-5.9%
2024	-5.5%	-8.3%	0.5%	-1.0%	-5.8%
2025	-5.4%	-8.3%	0.6%	-0.9%	-5.8%
2026	-5.3%	-8.2%	0.6%	-0.9%	-5.7%
2027	-5.3%	-8.1%	0.6%	-0.9%	-5.6%
2028	-5.2%	-8.0%	0.6%	-0.8%	-5.6%
2029	-5.1%	-8.0%	0.7%	-0.8%	-5.5%
2030	-5.1%	-7.9%	0.7%	-0.8%	-5.5%

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

SENSITIVITY CASE 11

GENERIC KNIK ARM CROSSING

2004 IMPACT CASE
GENERIC KNIK ARM CROSSING

TABLE 1A. STATE SUMMARY
CHANGE FROM BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOYMENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	0.0	0.0	0.0	0.0	$0	$0
2001	0.0	0.0	0.0	0.0	$0	$0
2002	0.0	0.0	0.0	0.0	$0	$0
2003	0.0	0.0	0.0	0.0	$0	$0
2004	0.0	0.0	0.0	0.0	$0	$0
2005	0.0	0.0	-0.0	-0.0	$0	$0
2006	0.0	0.0	0.0	0.0	$0	$0
2007	0.0	0.0	0.0	0.0	$0	$0
2008	-0.0	-0.0	0.0	0.0	$0	$0
2009	0.8	0.3	1.0	0.8	$46	$0
2010	3.1	1.1	3.4	2.6	$153	$0
2011	5.5	1.9	4.0	3.1	$193	$0
2012	5.4	1.9	2.4	1.9	$131	$0
2013	3.3	1.2	1.2	0.9	$75	($0)
2014	2.0	0.8	0.8	0.6	$49	($0)
2015	1.2	0.5	0.4	0.3	$28	($0)
2016	0.6	0.3	0.2	0.1	$14	($0)
2017	0.3	0.2	0.0	0.0	$6	($0)
2018	0.1	0.1	-0.0	-0.0	$1	($0)
2019	-0.1	0.0	-0.1	-0.1	($3)	($0)
2020	-0.2	-0.0	-0.1	-0.1	($5)	($0)
2021	-0.2	-0.0	-0.2	-0.1	($6)	($0)
2022	-0.3	-0.0	-0.2	-0.1	($7)	($0)
2023	-0.3	-0.0	-0.2	-0.1	($8)	($0)
2024	-0.3	-0.1	-0.2	-0.1	($8)	($0)
2025	-0.3	-0.1	-0.2	-0.1	($9)	($0)
2026	-0.3	-0.1	-0.2	-0.1	($9)	($0)
2027	-0.3	-0.1	-0.2	-0.2	($9)	($0)
2028	-0.3	-0.1	-0.2	-0.2	($9)	($0)
2029	-0.3	-0.1	-0.2	-0.2	($9)	($0)
2030	-0.3	-0.1	-0.2	-0.1	($9)	($0)

2004 IMPACT CASE
GENERIC KNIK ARM CROSSING

TABLE 1B. PROJECTION SUMMARY
PERCENT CHANGE FROM BASE CASE

	POPULA-TION (000)	HOUSE-HOLDS (000)	TOTAL EMPLOY (000)	WAGE AND SALARY EMPLOY (000)	PERSONAL INCOME (MILL 00$)	PETROL-EUM REVENUES (MILL 00$)
2000	0.0%	0.0%	ERR	ERR	ERR	ERR
2001	0.0%	0.0%	ERR	ERR	ERR	ERR
2002	0.0%	0.0%	ERR	0.0%	ERR	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	-0.0%	-0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2008	-0.0%	-0.0%	0.0%	0.0%	0.0%	0.0%
2009	0.1%	0.1%	0.2%	0.3%	0.2%	0.0%
2010	0.5%	0.4%	0.8%	0.8%	0.6%	0.0%
2011	0.8%	0.7%	0.9%	1.0%	0.8%	0.0%
2012	0.7%	0.7%	0.5%	0.6%	0.5%	0.0%
2013	0.5%	0.4%	0.3%	0.3%	0.3%	-0.0%
2014	0.3%	0.3%	0.2%	0.2%	0.2%	-0.0%
2015	0.2%	0.2%	0.1%	0.1%	0.1%	-0.0%
2016	0.1%	0.1%	0.0%	0.0%	0.1%	-0.0%
2017	0.0%	0.1%	0.0%	0.0%	0.0%	-0.0%
2018	0.0%	0.0%	-0.0%	-0.0%	0.0%	-0.0%
2019	-0.0%	0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2020	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2021	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2022	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2023	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2024	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2025	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2026	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2027	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2028	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2029	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%
2030	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%	-0.0%

CONSTRUCTION OCCURS OVER 4 YEAR PERIOD 2009 TO 2012
4 THOUSAND MAN YEARS OF CONSTRUCTION SPLIT BETWEEN ANCHORAGE AND MATSU
SHIFT IN NEW EMPLOYMENT LOCATION TO MATSU AFTER CONSTRUCTION

2004 IMPACT CASE
GENERIC KNIK ARM CROSSING

TABLE 2A. WAGE AND SALARY EMPLOYMENT (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	-0.0	0.0	0.0	0.0	-0.0
2006	0.0	0.0	0.0	0.0	0.0
2007	0.0	-0.0	0.0	0.0	-0.0
2008	0.0	0.0	-0.0	-0.0	0.0
2009	0.8	0.4	0.5	-0.0	-0.1
2010	2.6	1.2	1.7	-0.1	-0.2
2011	3.1	1.3	2.2	-0.1	-0.3
2012	1.9	0.6	1.6	-0.1	-0.2
2013	0.9	-0.1	1.2	-0.1	-0.1
2014	0.6	-0.5	1.2	-0.0	-0.1
2015	0.3	-0.9	1.4	-0.0	-0.1
2016	0.1	-1.3	1.8	-0.1	-0.2
2017	0.0	-1.8	2.2	-0.1	-0.3
2018	-0.0	-2.2	2.7	-0.1	-0.4
2019	-0.1	-2.7	3.3	-0.1	-0.5
2020	-0.1	-3.2	3.9	-0.2	-0.6
2021	-0.1	-3.7	4.6	-0.2	-0.8
2022	-0.1	-4.3	5.2	-0.2	-0.9
2023	-0.1	-4.8	6.0	-0.3	-1.0
2024	-0.1	-5.4	6.7	-0.3	-1.1
2025	-0.1	-6.0	7.5	-0.4	-1.3
2026	-0.1	-6.7	8.4	-0.4	-1.4
2027	-0.2	-7.4	9.3	-0.5	-1.6
2028	-0.2	-8.1	10.2	-0.5	-1.8
2029	-0.2	-8.9	11.2	-0.6	-1.9
2030	-0.1	-9.6	12.2	-0.6	-2.1

2004 IMPACT CASE
GENERIC KNIK ARM CROSSING

TABLE 2B. WAGE AND SALARY EMPLOYMENT
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	ERR	0.0%	0.0%	0.0%	ERR
2001	ERR	0.0%	0.0%	0.0%	ERR
2002	0.0%	0.0%	0.0%	0.0%	ERR
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	-0.0%	0.0%	0.0%	0.0%	-0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.0%	-0.0%	0.0%	0.0%	-0.0%
2008	0.0%	0.0%	-0.0%	-0.0%	0.0%
2009	0.3%	0.3%	2.7%	-0.1%	-0.0%
2010	0.8%	0.8%	8.8%	-0.4%	-0.2%
2011	1.0%	0.9%	11.1%	-0.7%	-0.3%
2012	0.6%	0.4%	8.0%	-0.5%	-0.2%
2013	0.3%	-0.0%	5.6%	-0.3%	-0.1%
2014	0.2%	-0.3%	5.5%	-0.2%	-0.1%
2015	0.1%	-0.6%	6.3%	-0.3%	-0.1%
2016	0.0%	-0.9%	7.6%	-0.3%	-0.2%
2017	0.0%	-1.2%	9.3%	-0.4%	-0.2%
2018	-0.0%	-1.4%	11.0%	-0.6%	-0.3%
2019	-0.0%	-1.7%	12.9%	-0.7%	-0.4%
2020	-0.0%	-2.0%	14.7%	-0.8%	-0.5%
2021	-0.0%	-2.3%	16.5%	-1.0%	-0.5%
2022	-0.0%	-2.6%	18.3%	-1.2%	-0.6%
2023	-0.0%	-2.9%	20.1%	-1.3%	-0.7%
2024	-0.0%	-3.2%	21.8%	-1.5%	-0.8%
2025	-0.0%	-3.6%	23.5%	-1.7%	-0.9%
2026	-0.0%	-3.9%	25.1%	-1.8%	-1.0%
2027	-0.0%	-4.3%	26.7%	-2.0%	-1.1%
2028	-0.0%	-4.6%	28.3%	-2.2%	-1.2%
2029	-0.0%	-5.0%	29.8%	-2.4%	-1.3%
2030	-0.0%	-5.3%	31.2%	-2.6%	-1.4%

2004 IMPACT CASE
GENERIC KNIK ARM CROSSING

TABLE 3A. POPULATION (000)
CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0	0.0	0.0	0.0	-0.0
2001	0.0	0.0	0.0	0.0	-0.0
2002	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0
2006	0.0	0.0	0.0	0.0	0.0
2007	0.0	0.0	0.0	0.0	0.0
2008	-0.0	0.0	-0.0	-0.0	-0.0
2009	0.8	0.2	1.0	-0.1	-0.3
2010	3.1	0.7	3.5	-0.2	-0.9
2011	5.5	1.3	5.2	-0.2	-0.8
2012	5.4	0.9	4.7	-0.1	-0.2
2013	3.3	-0.5	4.0	-0.1	-0.1
2014	2.0	-1.8	4.3	-0.1	-0.3
2015	1.2	-3.1	5.1	-0.2	-0.7
2016	0.6	-4.5	6.4	-0.3	-1.1
2017	0.3	-5.8	8.0	-0.3	-1.5
2018	0.1	-7.2	9.7	-0.4	-2.0
2019	-0.1	-8.7	11.7	-0.6	-2.5
2020	-0.2	-10.3	13.8	-0.7	-3.0
2021	-0.2	-11.9	16.0	-0.8	-3.6
2022	-0.3	-13.5	18.3	-0.9	-4.1
2023	-0.3	-15.2	20.7	-1.0	-4.7
2024	-0.3	-17.0	23.2	-1.2	-5.3
2025	-0.3	-18.9	25.8	-1.3	-6.0
2026	-0.3	-20.8	28.6	-1.5	-6.6
2027	-0.3	-22.8	31.4	-1.6	-7.3
2028	-0.3	-24.8	34.3	-1.8	-8.0
2029	-0.3	-27.0	37.3	-2.0	-8.7
2030	-0.3	-29.2	40.5	-2.2	-9.4

2004 IMPACT CASE
GENERIC KNIK ARM CROSSING

TABLE 3B. POPULATION
PERCENT CHANGE FROM BASE CASE

	STATE TOTAL	ANCHORAGE	MATANUSKA SUSITNA BOROUGH	KENAI PENINSULA BOROUGH	BALANCE OF STATE
2000	0.0%	0.0%	0.0%	0.0%	-0.0%
2001	0.0%	0.0%	0.0%	0.0%	-0.0%
2002	0.0%	0.0%	0.0%	0.0%	0.0%
2003	0.0%	0.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	0.0%
2007	0.0%	0.0%	0.0%	0.0%	0.0%
2008	-0.0%	0.0%	-0.0%	-0.0%	-0.0%
2009	0.1%	0.1%	1.2%	-0.1%	-0.1%
2010	0.5%	0.3%	4.2%	-0.4%	-0.4%
2011	0.8%	0.5%	6.0%	-0.3%	-0.3%
2012	0.7%	0.3%	5.2%	-0.1%	-0.1%
2013	0.5%	-0.2%	4.3%	-0.1%	-0.0%
2014	0.3%	-0.6%	4.5%	-0.2%	-0.1%
2015	0.2%	-1.0%	5.2%	-0.3%	-0.2%
2016	0.1%	-1.4%	6.4%	-0.4%	-0.4%
2017	0.0%	-1.8%	7.7%	-0.6%	-0.5%
2018	0.0%	-2.3%	9.1%	-0.7%	-0.7%
2019	-0.0%	-2.7%	10.6%	-0.9%	-0.8%
2020	-0.0%	-3.1%	12.1%	-1.1%	-1.0%
2021	-0.0%	-3.6%	13.6%	-1.2%	-1.2%
2022	-0.0%	-4.0%	15.1%	-1.4%	-1.3%
2023	-0.0%	-4.4%	16.5%	-1.6%	-1.5%
2024	-0.0%	-4.9%	18.0%	-1.8%	-1.7%
2025	-0.0%	-5.4%	19.4%	-2.0%	-1.9%
2026	-0.0%	-5.9%	20.7%	-2.2%	-2.1%
2027	-0.0%	-6.3%	22.1%	-2.4%	-2.2%
2028	-0.0%	-6.8%	23.4%	-2.6%	-2.4%
2029	-0.0%	-7.3%	24.6%	-2.8%	-2.6%
2030	-0.0%	-7.8%	25.9%	-3.0%	-2.8%

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2004-2030

HISTORICAL ECONOMIC AND DEMOGRAPHIC DATA FOR THE SOUTHERN RAILBELT

ANCHORAGE BOROUGH

	Employment (000)											Consumer Price Index (1982-84=100)	
				--- Proprietors ---			Con-	--------- Government ---------			Business		
Year	Total	Wage & Salary	Military	Old Def.	New Def.	Civilian	struc-tion	Federal Civilian	State	Local	Firms (000)	CPI-W	CPI-U
1960		20.672					2.366					35.2	
1965		30.678					3.127	9.395				36.2	
1969		37.786	16.569	2.690	5.588	43.374	3.142	8.874			1.731	40.7	
1970	63.920	41.995	15.748	3.100	6.177	48.172	3.514	9.509			1.940	42.1	
1971	67.402	45.452	14.855	3.366	7.095	52.547	3.924	9.530			2.016	43.4	
1972	71.417	48.252	14.712	3.604	8.453	56.705	4.272	9.434			2.160	44.5	
1973	74.613	50.627	14.606	3.792	9.380	60.007	4.178	9.558			2.359	46.4	
1974	84.920	58.813	14.217	4.338	11.890	70.703	5.882	9.924			3.251	51.4	
1975	98.116	69.608	13.863	4.723	14.645	84.253	6.838	10.222			3.676	58.5	
1976	103.166	73.021	13.312	5.219	16.833	89.854	7.587	9.813			3.766	63.1	
1977	108.448	76.995	13.094	6.277	18.359	95.354	7.795	10.058	4.351	6.750	4.163	67.2	
1978	109.741	76.893	12.894	6.753	19.954	96.847	6.431	9.847	4.477	6.714	4.167	72.0	70.2
1979	110.877	77.502	12.949	7.051	20.426	97.928	5.735	9.758	4.746	7.657	4.250	79.0	77.6
1980	110.551	78.174	12.735	7.850	19.642	97.816	5.427	9.540	4.965	7.071	4.256	86.3	85.5
1981	115.272	86.162	12.305	7.921	16.805	102.967	5.894	9.580	5.528	7.231	4.604	92.9	92.4
1982	131.480	98.081	12.507	8.248	20.892	118.973	7.899	9.829	6.113	7.290	5.112	98.2	97.4
1983	138.702	102.703	12.349	9.202	23.650	126.353	9.405	9.902	6.484	7.861	6.680	98.9	99.2
1984	144.928	108.386	12.513	9.842	24.029	132.415	9.688	10.171	6.586	7.860	7.245	102.9	103.3
1985	147.947	110.888	12.546	10.127	24.513	135.401	8.838	9.860	7.257	8.520	7.365	105.8	105.8
1986	144.202	105.602	13.708	9.527	24.892	130.494	6.379	10.015	7.113	8.464	7.152	107.7	107.8
1987	141.181	99.553	12.556	8.851	29.072	128.625	5.172	10.315	6.580	8.385	6.682	107.9	108.2
1988	141.638	99.062	13.416	8.796	29.160	128.222	4.235	10.262	6.730	7.715	6.569	108.3	108.6
1989	145.109	103.440	13.527	9.284	28.142	131.582	4.783	10.190	7.150	7.602	6.704	111.3	111.7
1990	151.168	109.962	13.320	10.021	27.886	137.848	5.678	10.373	7.554	8.253	6.801	118.4	118.6
1991	155.909	112.979	13.093	10.366	29.837	142.816	5.663	10.668	7.886	8.357	6.930	123.8	124.0
1992	156.982	114.138	13.746	10.499	29.098	143.236	5.224	11.226	8.112	8.848	7.227	128.0	128.2
1993	159.224	116.603	13.546	10.783	29.075	145.678	6.361	11.806	8.075	8.681	7.299	132.0	132.2
1994	160.102	119.100	13.193	11.072	27.809	146.909	6.868	11.112	8.095	8.566	7.500	134.8	135.0
1995	161.532	119.499	11.661		30.372	149.871					7.568	138.5	138.9
1996	162.085	119.948	11.092		31.045	150.993					7.649	142.4	142.7
1997	165.196	122.987	11.019		31.190	154.177	6.952	9.954	8.100	8.733	7.813	144.5	144.8
1998	169.843	126.776	10.918		32.149	158.925	6.890	10.038	8.361	9.204	7.786	146.3	146.9
1999	169.908	128.295	10.536		31.077	159.372	6.959	9.914	8.712	8.997	7.929	147.8	148.4
2000	173.976	130.892	10.591		32.493	163.385	7.081	9.850	8.558	8.874	7.888	151.1	150.9
2001	178.022	134.930	10.571		32.521	167.451	7.558	9.705	9.111	9.530	7.979	155.8	155.2
2002	183.183	137.917	11.071		34.195	172.112	8.043	9.588	9.509	9.816		158.9	158.2
2003												163.4	162.5

	[------ Population (000) -------]			[---- Households (000) ---]			Labor	Unemployment #	Rate	[---------- Personal Income ---------- Total		Disposable		Per Capita		Per Capita Disposable	
	Alaska Dept. of Labor	Municipality/ Borough	US BEA	--Number(000)-- Census	Survey	Avg Size	Force (000)	(000)	(%)	(Million $) Nominal	2003$	(Million $) Nominal	2003$	(Thousand $) Nominal	2003$	(Thousand $) Nominal	2003$
1960	82.833	82.833		21.853		3.41											
1965	102.337	102.337															
1969	114.150	114.150	123.3							$694	$2,786	$589	$2,367	$5.638	$22.64	$4.79	$19.23
1970	130.200	126.385	127.6	34.988		3.39				$782	$3,035	$676	$2,625	$6.132	$23.80	$5.30	$20.58
1971	136.500	135.777	134.6							$862	$3,245	$751	$2,827	$6.403	$24.11	$5.58	$21.00
1972	144.000	144.215	143.2							$950	$3,488	$816	$2,997	$6.636	$24.37	$5.70	$20.94
1973	146.100	149.440	147.3							$1,050	$3,698	$916	$3,225	$7.124	$25.09	$6.21	$21.88
1974	151.000	162.499	152.4							$1,316	$4,184	$1,119	$3,556	$8.637	$27.46	$7.34	$23.34
1975	173.600	177.817	165.0							$1,803	$5,036	$1,519	$4,244	$10.925	$30.52	$9.21	$25.71
1976	187.400	179.837	174.5							$2,186	$5,661	$1,842	$4,770	$12.528	$32.44	$10.56	$27.33
1977	189.700	182.920	177.0							$2,439	$5,931	$2,062	$5,013	$13.778	$33.50	$11.65	$28.32
1978	183.600	180.246	179.6							$2,442	$5,542	$2,095	$4,756	$13.591	$30.84	$11.66	$26.47
1979	180.200	174.594	178.8							$2,530	$5,233	$2,139	$4,424	$14.204	$29.38	$12.01	$24.84
1980	182.504	174.431	176.4	60.470	56.691	2.80	83.610	5.855	7.0	$2,849	$5,394	$2,451	$4,640	$16.208	$30.69	$13.94	$26.40
1981	188.527	187.761	185.7				89.783	5.952	6.6	$3,338	$5,871	$2,806	$4,935	$18.448	$32.45	$15.51	$27.27
1982	201.299	204.216	201.0				98.588	7.205	7.3	$4,077	$6,784	$3,483	$5,795	$20.884	$34.75	$17.84	$29.68
1983	216.164	230.846	221.5		74.051		109.265	8.026	7.3	$4,620	$7,633	$4,019	$6,641	$21.891	$36.17	$19.04	$31.47
1984	226.195	244.030	232.7		79.480		114.999	8.652	7.5	$5,022	$7,975	$4,428	$7,031	$22.802	$36.21	$20.10	$31.92
1985	233.870	248.263	238.7		81.663		118.968	8.587	7.2	$5,355	$8,270	$4,746	$7,330	$23.608	$36.46	$20.92	$32.31
1986	235.133	246.139	234.7				121.488	10.174	8.4	$5,320	$8,071	$4,773	$7,242	$23.134	$35.10	$20.76	$31.49
1987	227.974	229.117	230.3		77.527		116.501	9.831	8.4	$5,048	$7,645	$4,493	$6,803	$22.421	$33.95	$19.95	$30.22
1988	222.950	218.979	228.7		75.393		114.356	8.438	7.4	$5,068	$7,646	$4,544	$6,856	$22.586	$34.08	$20.25	$30.56
1989	221.884	221.870	227.6		76.723		114.256	5.803	5.1	$5,541	$8,135	$4,891	$7,181	$24.586	$36.09	$21.70	$31.86
1990	226.338	226.338	227.6	82.702	80.518	2.68	121.533	6.546	5.4	$5,873	$8,105	$5,154	$7,113	$25.804	$35.61	$22.64	$31.25
1991	235.626	234.780	235.3		84.111		125.028	8.475	6.8	$6,159	$8,129	$5,467	$7,216	$26.193	$34.57	$23.25	$30.69
1992	244.111	245.664	245.7		85.045		125.635	9.168	7.3	$6,583	$8,404	$5,845	$7,462	$26.800	$34.21	$23.80	$30.38
1993	249.440	249.842	250.3				133.383	8.095	6.1	$6,909	$8,553	$6,146	$7,608	$27.620	$34.19	$24.57	$30.42
1994	253.503	250.006	253.6				135.395	8.009	5.9	$7,328	$8,883	$6,495	$7,873	$29.140	$35.32	$25.83	$31.31
1995	252.729	257.780	252.0				132.838	6.972	5.2	$7,413	$8,746	$6,573	$7,755	$29.533	$34.84	$26.19	$30.89
1996	253.234		250.7				136.172	7.451	5.5	$7,561	$8,676	$6,677	$7,662	$30.295	$34.76	$26.75	$30.70
1997	254.752		252.7				137.725	7.959	5.8	$8,018	$9,067	$7,050	$7,972	$31.899	$36.07	$28.05	$31.71
1998	257.260		257.2				141.343	5.775	4.1	$8,433	$9,419	$7,388	$8,252	$32.992	$36.85	$28.90	$32.28
1999	259.391		259.3				142.166	6.425	4.5	$8,717	$9,637	$7,634	$8,440	$33.813	$37.38	$29.61	$32.74
2000	260.283		260.5	94.822		2.670	143.349	6.828	4.8	$8,777	$9,491	$7,766	$8,398	$33.691	$36.43	$29.81	$32.24
2001	264.052		264.0				144.966	6.308	4.4	$9,609	$10,078	$8,531	$8,947	$36.406	$38.18	$32.32	$33.90
2002	268.738		268.2				145.082	7.918	5.5	$10,043	$10,327	$9,076	$9,333	$37.442	$38.50	$33.84	$34.79
2003	274.003						147.868	8.470	5.7								

MATANUSKA-SUSITNA BOROUGH

	Employment (000)											Consumer Price Index (1982-84=100)	
				--- Proprietors ---			Con-	--------- Government ---------			Business		
Year	Total	Wage & Salary	Military	Old Def.	New Def.	Civilian	struc-tion	Federal Civilian	State	Local	Firms (000)	CPI-W	CPI-U
1960		0.529					0.022					35.2	0.0
1965		1.082					0.078	0.13				36.2	0.0
1969		1.001	0.105	0.392	0.650	1.651	0.083	0.124			0.077	40.7	0.0
1970	1.939	1.145	0.1	0.441	0.694	1.839	0.12	0.106			0.091	42.1	0.0
1971	2.264	1.414	0.112	0.442	0.738	2.152	0.141	0.099			0.118	43.4	0.0
1972	2.345	1.445	0.119	0.464	0.781	2.226	0.087	0.109			0.122	44.5	0.0
1973	2.640	1.607	0.135	0.486	0.898	2.505	0.098	0.107			0.117	46.4	0.0
1974	3.056	1.784	0.142	0.546	1.130	2.914	0.134	0.114			0.145	51.4	0.0
1975	3.571	2.02	0.148	0.53	1.403	3.423	0.188	0.124			0.177	58.5	0.0
1976	4.167	2.269	0.143	0.613	1.755	4.024	0.208	0.129			0.205	63.1	0.0
1977	4.746	2.524	0.145	0.795	2.077	4.601	0.219	0.108			0.275	67.2	0.0
1978	5.406	2.954	0.16	0.859	2.292	5.246	0.235	0.095			0.265	72.0	70.2
1979	5.439	3.078	0.169	0.976	2.192	5.270	0.184	0.097			0.285	79.0	77.6
1980	5.456	3.264	0.163	1.057	2.029	5.293	0.178	0.112	0.403	0.826	0.292	86.3	85.5
1981	5.732	3.7	0.148	1.075	1.884	5.584	0.253	0.102	0.46	0.855	0.328	92.9	92.4
1982	6.864	4.382	0.161	1.122	2.321	6.703	0.518	0.101	0.545	0.919	0.416	98.2	97.4
1983	8.411	5.354	0.182	1.395	2.875	8.229	0.778	0.104	0.596	1.035	0.661	98.9	99.2
1984	10.016	6.542	0.235	1.643	3.239	9.781	0.971	0.112	0.651	1.214	0.847	102.9	103.3
1985	10.834	6.996	0.295	1.736	3.543	10.539	0.71	0.1	0.737	1.392	0.939	105.8	105.8
1986	10.832	6.699	0.332	1.676	3.801	10.500	0.427	0.105	0.763	1.559	0.825	107.7	107.8
1987	11.293	6.193	0.339	1.571	4.761	10.954	0.261	0.102	0.759	1.387	0.721	107.9	108.2
1988	11.408	6.095	0.361	1.551	4.952	11.047	0.179	0.099	0.791	1.467	0.705	108.3	108.6
1989	11.850	6.51	0.346	1.637	4.994	11.504	0.222	0.104	0.813	1.499	0.765	111.3	111.7
1990	12.258	7.077	0.394	1.753	4.787	11.864	0.304	0.104	0.815	1.574	0.801	118.4	118.6
1991	13.492	7.878	0.416	1.913	5.198	13.076	0.397	0.107	0.811	1.723	0.845	123.8	124.0
1992	14.122	8.253	0.423	1.988	5.446	13.699	0.366	0.107	0.813	1.798	0.920	128.0	128.2
1993	14.533	8.667	0.408	2.069	5.458	14.125	0.439	0.117	0.797	1.872	0.976	132.0	132.2
1994	15.855	9.575	0.396	2.245	5.884	15.459	0.530	0.115	0.821	1.842	1.021	134.8	135.0
1995	16.551	10.08	0.406		6.065	16.145					1.091	138.5	138.9
1996	16.968	10.075	0.418		6.475	16.550					1.186	142.4	142.7
1997	18.097	10.685	0.449		6.963	17.648	1.017	0.137	0.824	1.902	1.247	144.5	144.8
1998	18.884	11.367	0.416		7.101	18.468	0.794	0.138	0.847	1.821	1.333	146.3	146.9
1999	19.291	11.735	0.394		7.162	18.897	1.044	0.147	0.829	1.932	1.361	147.8	148.4
2000	20.232	12.361	0.431		7.44	19.801	1.169	0.206	0.877	1.96	1.421	151.1	150.9
2001	21.403	12.873	0.392		8.138	21.011	1.318	0.163	0.896	2.081	1.461	155.8	155.2
2002	22.829	13.904	0.432		8.493	22.397	1.439	0.171	0.904	2.269		158.9	158.2
2003												163.4	162.5

	[------- Population (000) --------]			[--- Households (000) ----]			Unemployment			[---------- Personal Income ----------]							
	Alaska Dept. of Labor	Municipality/ Borough	US BEA	--Number(000)-- Census	Survey	Avg Size	Labor Force (000)	# (000)	Rate (%)	Total (Million $) Nominal	2003$	Disposable (Million $) Nominal	2003$	Per Capita (Thousand $) Nominal	2003$	Per Capita Disposable (Thousand $) Nominal	2003$
1960	5.188	5.22		1.501		3.38											
1965	6.125																
1969	7		6.4							$27.5	$110	$23	$94	$4.277	$17.17	$3.63	$14.58
1970	6.6	6.509	6.7	1.841		3.40				$32.2	$125	$28	$108	$4.843	$18.80	$4.19	$16.26
1971	7.2	7.293	7.3							$38.9	$146	$34	$128	$5.355	$20.16	$4.66	$17.56
1972	7.8	8.310	7.8							$46.3	$170	$40	$146	$5.924	$21.75	$5.09	$18.69
1973	8.5	8.170	8.4							$54.0	$190	$47	$166	$6.419	$22.60	$5.60	$19.71
1974	9.4	9.787	9.0							$72.6	$231	$62	$196	$8.098	$25.74	$6.88	$21.88
1975	11.1	12.462	10.2							$108.0	$302	$91	$254	$10.583	$29.56	$8.92	$24.91
1976	13.5	14.606	11.6							$142.3	$368	$120	$310	$12.234	$31.68	$10.31	$26.69
1977	15.5	15.573	12.7							$164.4	$400	$139	$338	$12.965	$31.53	$10.96	$26.65
1978	16.7	15.400	14.4							$185.9	$422	$160	$362	$12.879	$29.23	$11.05	$25.08
1979	18.4	18.536	16.2							$199.5	$413	$169	$349	$12.309	$25.46	$10.41	$21.52
1980	18.637	17.816	17.9	5.699		3.06	9.368	1.426	15.2	$227.6	$431	$196	$371	$12.622	$23.90	$10.86	$20.56
1981	19.908	22.329	18.0				8.851	1.201	13.6	$293.5	$516	$247	$434	$15.561	$27.37	$13.08	$23.01
1982	23.083	27.649	20.2				10.289	1.413	13.7	$378.9	$630	$324	$539	$17.507	$29.13	$14.95	$24.88
1983	27.971	30.568	23.9				12.843	1.788	13.9	$479.1	$792	$417	$689	$18.230	$30.12	$15.86	$26.20
1984	33.552	34.122	28.7				15.854	1.96	12.4	$546.2	$867	$482	$765	$17.064	$27.10	$15.04	$23.89
1985	37.67	41.093	35.7				16.053	2.556	15.9	$585.3	$904	$519	$801	$15.700	$24.25	$13.91	$21.49
1986	39.974	44.280	39.1				16.267	2.969	18.3	$579.5	$879	$520	$789	$14.448	$21.92	$12.96	$19.67
1987	39.050	39.050	38.9				15.5	2.873	18.5	$545.8	$827	$486	$736	$13.631	$20.64	$12.13	$18.37
1988	37.985	37.985	38.1				14.973	2.35	15.7	$541.2	$817	$485	$732	$13.782	$20.79	$12.36	$18.64
1989	38.953	36.568	39.0				14.719	1.793	12.2	$589.2	$865	$520	$764	$15.270	$22.42	$13.48	$19.79
1990	39.683	39.683	40.2	13.394		2.92	16.987	1.975	11.6	$777.8	$1,073	$683	$942	$19.374	$26.74	$17.00	$23.46
1991	41.819	41.797	42.3				19.318	2.489	12.9	$839.6	$1,108	$745	$984	$19.863	$26.22	$17.63	$23.27
1992	44.37	41.797	44.8				19.899	2.833	14.2	$899.9	$1,149	$799	$1,020	$20.140	$25.71	$17.88	$22.83
1993	46.659	48.731	46.5				22.806	2.482	10.9	$979.2	$1,212	$871	$1,078	$21.126	$26.15	$18.79	$23.26
1994	47.636	50.058	48.7				24.738	2.701	10.9	$872.0	$1,057	$773	$937	$22.099	$26.79	$19.59	$23.74
1995	48.906	50.601	49.9				25.858	2.577	10.0	$912.7	$1,077	$809	$955	$22.235	$26.23	$19.72	$23.26
1996	50.367		51.9				27.017	2.919	10.8	$943.6	$1,083	$833	$956	$22.511	$25.83	$19.88	$22.81
1997	52.125		53.8				28.349	2.973	10.5	$970.7	$1,098	$853	$965	$22.842	$25.83	$20.08	$22.71
1998	54.153		55.7				28.982	2.003	6.9	$1,036.8	$1,158	$908	$1,014	$24.053	$26.86	$21.07	$23.54
1999	55.694		57.8				29.707	2.421	8.1	$1,078.7	$1,193	$945	$1,044	$24.227	$26.78	$21.22	$23.46
2000	59.322		59.9	20.556		2.84	30.497	2.518	8.3	$1,551.6	$1,678	$1,373	$1,485	$25.905	$28.01	$22.92	$24.79
2001	61.772		62.2				30.845	2.42	7.8	$1,725.4	$1,810	$1,532	$1,607	$27.740	$29.09	$24.63	$25.83
2002	64.293		65.1				33.032	2.964	9.0	$1,830.8	$1,883	$1,655	$1,701	$28.130	$28.93	$25.42	$26.14
2003	67.473						35.365	3.215	9.1								

KENAI PENINSULA BOROUGH

	Employment (000)											Consumer Price Index	
				--- Proprietors ---			Con-	--------- Government ---------			Business	(1982-84=100)	
Year	Total	Wage & Salary	Military	Old Def.	New Def.	Civilian	struc-tion	Federal Civilian	State	Local	Firms (000)	CPI-W	CPI-U
1960		0.927					0.053					35.2	0.0
1965		2.377					0.525	0.166				36.2	0.0
1969	NA	4.792		NA	0.666	NA	0.736	0.163			0.269	40.7	0.0
1970	5.607	4.268	0.575	0.7	0.764	5.032	0.354	0.161			0.267	42.1	0.0
1971	5.499	4.226	0.436	0.762	0.837	5.063	0.469	0.165			0.258	43.4	0.0
1972	5.756	4.632	0.106	0.881	1.018	5.650	0.445	0.129			0.272	44.5	0.0
1973	6.242	4.923	0.068	0.958	1.251	6.174	0.374	0.112			0.313	46.4	0.0
1974	7.037	5.422	0.068	1.142	1.547	6.969	0.456	0.119			0.478	51.4	0.0
1975	8.763	6.738	0.075	0.832	1.95	8.688	0.634	0.143			0.56	58.5	0.0
1976	10.253	7.602	0.068	0.943	2.583	10.185	1.066	0.14			0.561	63.1	0.0
1977	11.577	8.487	0.071	1.163	3.019	11.506	1.844	0.13			0.662	67.2	0.0
1978	11.315	7.782	0.052	1.288	3.481	11.263	0.497	0.162			0.669	72.0	70.2
1979	12.537	8.138	0.249	1.388	4.15	12.288	0.418	0.172			0.691	79.0	77.6
1980	12.608	8.397	0.236	1.397	3.975	12.372	0.617	0.18	0.528	1.189	0.637	86.3	85.5
1981	13.281	9.115	0.291	1.412	3.875	12.990	0.705	0.17	0.582	1.198	0.676	92.9	92.4
1982	14.784	9.853	0.297	1.471	4.634	14.487	0.795	0.169	0.646	1.347	0.736	98.2	97.4
1983	17.262	10.399	0.308	1.475	6.555	16.954	1.005	0.192	0.7	1.525	1.022	98.9	99.2
1984	18.416	11.402	0.341	1.574	6.673	18.075	1.326	0.21	0.779	1.691	1.161	102.9	103.3
1985	19.277	12.213	0.370	1.652	6.694	18.907	1.387	0.21	0.836	1.87	1.229	105.8	105.8
1986	18.709	11.435	0.399	1.577	6.875	18.310	0.864	0.225	0.823	1.885	1.199	107.7	107.8
1987	18.568	10.804	0.414	1.515	7.35	18.154	0.642	0.216	0.787	1.948	1.157	107.9	108.2
1988	19.504	11.089	0.446	1.543	7.969	19.058	0.619	0.248	0.912	1.859	1.133	108.3	108.6
1989	21.537	13.067	0.442	1.733	8.028	21.095	0.824	0.269	1.063	1.98	1.289	111.3	111.7
1990	21.924	13.891	0.488	1.809	7.545	21.436	0.717	0.285	1.077	2.059	1.263	118.4	118.6
1991	22.611	14.376	0.506	1.854	7.729	22.105	0.713	0.289	1.051	2.058	1.304	123.8	124.0
1992	22.575	14.474	0.519	1.863	7.582	22.056	0.623	0.308	1.029	2.141	1.400	128.0	128.2
1993	23.902	15.451	0.498	1.951	7.953	23.404	0.689	0.357	1.031	2.341	1.478	132.0	132.2
1994	24.835	15.816	0.481	1.983	8.538	24.354	0.813	0.374	1.033	2.361	1.521	134.8	135.0
1995	24.807	16.107	0.480		8.22	24.327					1.599	138.5	138.9
1996	25.540	16.11	0.485		8.945	25.055					1.660	142.4	142.7
1997	25.052	16.328	0.500		8.224	24.552	0.886	0.415	1.041	2.706	1.723	144.5	144.8
1998	26.452	16.586	0.465		9.401	25.987	0.914	0.404	1.041	2.781	1.703	146.3	146.9
1999	26.257	16.342	0.433		9.482	25.824	0.917	0.39	1.027	2.828	1.767	147.8	148.4
2000	27.666	17.317	0.456		9.893	27.210	0.988	0.436	1.027	2.813	1.807	151.1	150.9
2001	27.631	17.367	0.415		9.849	27.216	1.117	0.414	1.059	3.013	1.812	155.8	155.2
2002	28.310	17.628	0.435		10.247	27.875	1.22	0.428	1.085	3.025		158.9	158.2
2003												163.4	162.5

	[------- Population (000) --------]			[--- Households (000) ----]			Unemployment			[---------- Personal Income ----------]							
	Alaska Dept. of Labor	Municipality/ Borough	US BEA	--Number(000)-- Census	Survey	Avg Size	Labor Force (000)	# (000)	Rate (%)	Total (Million $) Nominal	2003$	Disposable (Million $) Nominal	2003$	Per Capita (Thousand $) Nominal	2003$	Per Capita Disposable (Thousand $) Nominal	2003$
1960	9.053	9.053		2.652		3.24											
1965	10.659	10.659															
1969	16.25	16.300	16.2							$59.4	$238	$50	$203	$3.76	$15.09	$3.19	$12.82
1970	16.8	16.586	16.5	4.611		3.48				$66.4	$258	$57	$223	$4.12	$15.97	$3.56	$13.81
1971	17.2	16.782	16.5							$74.3	$280	$65	$244	$4.53	$17.04	$3.94	$14.85
1972	17.7	16.200	16.7							$81.0	$298	$70	$256	$4.86	$17.83	$4.17	$15.32
1973	18.4	16.254	15.9							$94.0	$331	$82	$289	$5.99	$21.09	$5.22	$18.40
1974	19.2	16.645	16.1							$115.6	$367	$98	$312	$7.34	$23.33	$6.24	$19.83
1975	21.3	18.770	18.3							$168.5	$471	$142	$397	$9.46	$26.42	$7.97	$22.27
1976	22.5	21.843	19.8							$220.2	$570	$186	$480	$11.43	$29.60	$9.63	$24.94
1977	23.9	24.611	21.4							$257.1	$625	$217	$529	$12.30	$29.91	$10.40	$25.28
1978	24.5	25.335	22.6							$274.5	$623	$236	$534	$12.41	$28.16	$10.65	$24.17
1979	25.8	25.507	23.5							$310.9	$643	$263	$544	$13.21	$27.32	$11.17	$23.10
1980	26.424	25.842	25.7	8.546		2.92	12.736	1.823	14.3	$359.3	$680	$309	$585	$14.01	$26.53	$12.05	$22.82
1981	27.599	25.282	27.5				13.079	1.728	13.2	$417.8	$735	$351	$618	$15.42	$27.12	$12.96	$22.80
1982	31.051	25.282	30.5				14.15	2.165	15.3	$504.1	$839	$431	$716	$17.04	$28.35	$14.56	$24.22
1983	35.148	35.769	33.6				15.604	2.379	15.2	$564.2	$932	$491	$811	$16.98	$28.05	$14.77	$24.41
1984	38.275	35.769	37.4				16.393	2.277	13.9	$617.3	$980	$544	$864	$17.13	$27.20	$15.10	$23.98
1985	40.645	38.919	40.9				16.543	2.282	13.8	$717.1	$1,108	$636	$982	$18.98	$29.31	$16.82	$25.98
1986	41.653	38.919	41.1				17.825	3.045	17.1	$697.7	$1,059	$626	$950	$17.38	$26.37	$15.59	$23.66
1987	40.871	43.612	41.0				16.968	2.845	16.8	$668.5	$1,012	$595	$901	$16.58	$25.11	$14.76	$22.35
1988	39.949	43.612	40.5				17.222	2.406	14.0	$722.6	$1,090	$648	$978	$18.04	$27.22	$16.18	$24.41
1989	40.117	40.312	40.7				19.191	1.779	9.3	$836.0	$1,227	$738	$1,083	$20.87	$30.64	$18.42	$27.05
1990	40.802	40.802	41.1	14.25		2.79	19.829	2.154	10.9	$889.9	$1,228	$781	$1,078	$21.64	$29.86	$18.99	$26.21
1991	42.132	42.242	42.6				20.795	2.759	13.3	$921.6	$1,216	$818	$1,080	$21.61	$28.52	$19.18	$25.32
1992	43.459	44.019	43.3				20.752	3.058	14.7	$947.4	$1,209	$841	$1,074	$21.78	$27.80	$19.34	$24.69
1993	43.814	44.411	44.0				20.394	2.607	12.8	$1,018.7	$1,261	$906	$1,122	$23.08	$28.57	$20.53	$25.42
1994	45.059	45.056	45.2				21.205	2.665	12.6	$1,056.2	$1,280	$936	$1,135	$23.37	$28.33	$20.71	$25.11
1995	45.906	47.101	45.5				21.360	2.647	12.4	$1,106.0	$1,305	$981	$1,157	$23.93	$28.24	$21.22	$25.04
1996	46.654		46.7				22.439	3.135	14	$1,118.9	$1,284	$988	$1,134	$23.68	$27.18	$20.91	$24.00
1997	47.695		47.9				44.483	3.023	13.6	$1,162.9	$1,315	$1,022	$1,156	$24.33	$27.51	$21.39	$24.19
1998	48.532		48.5				21.653	2.114	9.8	$1,220.9	$1,364	$1,070	$1,195	$25.27	$28.22	$22.14	$24.72
1999	48.952		49.7				21.970	2.398	10.9	$1,248.3	$1,380	$1,093	$1,209	$25.48	$28.17	$22.31	$24.67
2000	49.691		49.7	18.438		2.62	21.809	2.206	10.1	$1,389.6	$1,503	$1,230	$1,330	$28.16	$30.45	$24.92	$26.94
2001	50.051		50.1				21.767	2.115	9.7	$1,532.1	$1,607	$1,360	$1,427	$29.31	$30.74	$26.02	$27.29
2002	50.486		51.0				22.017	2.610	11.9	$1,469.8	$1,511	$1,328	$1,366	$30.07	$30.93	$27.18	$27.95

THE GROWING SHARE OF JOBS AND POPULATION IN THE MATANUSKA-SUSITNA BOROUGH

	WAGE AND SALARY JOBS				POPULATION				POPULATION PER W&S JOB		
YEAR	ANCH	MATSU	SUM	MATSU SHARE	ANCH	MATSU	SUM	MATSU SHARE	ANCH	MATSU	SUM
60	20.672	0.529	21.201	2.5%	82.833	5.188	88.021	5.9%	4.01	9.81	4.15
61											
62											
63											
64											
65	30.678	1.082	31.76	3.4%	102.337	6.125	108.462	5.6%	3.34	5.66	3.42
66											
67											
68											
69	37.786	1.001	38.787	2.6%	114.15	7	121.15	5.8%	3.02	6.99	3.12
70	41.995	1.145	43.14	2.7%	130.2	6.6	136.8	4.8%	3.10	5.76	3.17
71	45.452	1.414	46.866	3.0%	136.5	7.2	143.7	5.0%	3.00	5.09	3.07
72	48.252	1.445	49.697	2.9%	144	7.8	151.8	5.1%	2.98	5.40	3.05
73	50.627	1.607	52.234	3.1%	146.1	8.5	154.6	5.5%	2.89	5.29	2.96
74	58.813	1.784	60.597	2.9%	151	9.4	160.4	5.9%	2.57	5.27	2.65
75	69.608	2.02	71.628	2.8%	173.6	11.1	184.7	6.0%	2.49	5.50	2.58
76	73.021	2.269	75.29	3.0%	187.4	13.5	200.9	6.7%	2.57	5.95	2.67
77	76.995	2.524	79.519	3.2%	189.7	15.5	205.2	7.6%	2.46	6.14	2.58
78	76.893	2.954	79.847	3.7%	183.6	16.7	200.3	8.3%	2.39	5.65	2.51
79	77.502	3.078	80.58	3.8%	180.2	18.4	198.6	9.3%	2.33	5.98	2.46
80	78.174	3.264	81.438	4.0%	182.504	18.637	201.141	9.3%	2.33	5.71	2.47
81	86.162	3.7	89.862	4.1%	188.527	19.908	208.435	9.6%	2.19	5.38	2.32
82	98.081	4.382	102.463	4.3%	201.299	23.083	224.382	10.3%	2.05	5.27	2.19
83	102.703	5.354	108.057	5.0%	216.164	27.971	244.135	11.5%	2.10	5.22	2.26
84	108.386	6.542	114.928	5.7%	226.195	33.552	259.747	12.9%	2.09	5.13	2.26
85	110.888	6.996	117.884	5.9%	233.87	37.67	271.54	13.9%	2.11	5.38	2.30
86	105.602	6.699	112.301	6.0%	235.133	39.974	275.107	14.5%	2.23	5.97	2.45
87	99.553	6.193	105.746	5.9%	227.974	39.050	267.024	14.6%	2.29	6.31	2.53
88	99.062	6.095	105.157	5.8%	222.95	37.985	260.935	14.6%	2.25	6.23	2.48
89	103.44	6.51	109.95	5.9%	221.884	38.953	260.837	14.9%	2.15	5.98	2.37
90	109.962	7.077	117.039	6.0%	226.338	39.683	266.021	14.9%	2.06	5.61	2.27
91	112.979	7.878	120.857	6.5%	234.78	41.984	276.764	15.2%	2.08	5.33	2.29
92	114.138	8.253	122.391	6.7%	245.664	44.039	289.703	15.2%	2.15	5.34	2.37
93	116.603	8.667	125.27	6.9%	249.842	46.475	296.317	15.7%	2.14	5.36	2.37
94	119.1	9.575	128.675	7.4%	254.77	47.364	302.134	15.7%	2.14	4.95	2.35
95	119.499	10.08	129.579	7.8%	253.438	49.013	302.451	16.2%	2.12	4.86	2.33
96	119.948	10.075	130.023	7.7%	254.178	50.615	304.793	16.6%	2.12	5.02	2.34
97	122.987	10.685	133.672	8.0%	254.849	52.448	307.297	17.1%	2.07	4.91	2.30
98	126.776	11.367	138.143	8.2%	258.782	54.526	313.308	17.4%	2.04	4.80	2.27
99	128.295	11.735	140.03	8.4%	259.391	55.694	315.085	17.7%	2.02	4.75	2.25
0	130.882	12.361	143.243	8.6%	260.283	59.322	319.605	18.6%	1.99	4.80	2.23
1	134.93	12.873	147.803	8.7%	264.052	61.772	325.824	19.0%	1.96	4.80	2.20
2	137.917	13.904	151.821	9.2%	268.738	64.293	333.031	19.3%	1.95	4.62	2.19
3					274.003	67.473	341.476	19.8%			

Total Primary Housing Stock by Utility Service Area

	Anchorage Borough				Matanuska-Susitna Borough	Kenai Peninsula Borough			
Year	Chugach Electric Assoc	Anchorage Municipal Lt & Pwr	Matanuska Electric Assoc	Total	Matanuska Electric Assoc	Homer Electric Assoc	Total Matanuska Electric Assoc	Total of Three Boroughs	Total Net of AML&P Territory
75	26,055	18,454	2,853	47,361	3,514		6,367	50,875	32,421
76	29,265	19,517	3,109	51,891	4,338		7,447	56,229	36,711
77	32,126	20,524	3,421	56,071	5,046		8,467	61,117	40,593
78	34,192	21,692	3,737	59,621	5,501		9,238	65,122	43,430
79	35,846	21,752	4,050	61,648	6,135		10,185	67,783	46,032
80	37,337	22,393	4,353	64,083	6,332	8,134	10,685	78,549	56,156
81	38,948	22,150	4,673	65,771	6,971	9,442	11,644	82,184	60,034
82	42,143	23,206	5,254	70,603	8,106	10,648	13,360	89,356	66,150
83	46,367	24,869	6,680	77,915	9,957	11,866	16,637	99,738	74,870
84	51,152	25,766	7,726	84,643	12,072	13,062	19,798	109,777	84,011
85	54,488	26,154	8,162	88,804	13,648	13,602	21,810	116,054	89,900
86	56,411	25,981	8,617	91,008	14,276	14,150	22,893	119,433	93,453
87	56,574	26,013	8,711	91,298	14,405	13,927	23,116	119,631	93,618
88	56,064	25,948	8,669	90,680	14,438	13,704	23,107	118,822	92,874
89	56,043	24,689	8,653	89,385	14,686	13,867	23,339	117,938	93,249
90	55,593	25,105	8,706	89,404	15,199	13,971	23,905	118,574	93,469
91	55,142	25,522	8,759	89,423	15,880	14,529	24,639	119,831	94,310
92	55,631	25,493	8,852	89,976	16,581	15,126	25,433	121,683	96,190
93	55,944	25,591	8,957	90,492	17,262	15,334	26,219	123,088	97,497
94	56,663	25,427	9,118	91,208	17,844	15,847	26,962	124,899	99,472
95	57,099	25,498	9,298	91,895	18,426	16,195	27,724	126,516	101,018
96	58,014	25,657	9,548	93,220	19,007	16,499	28,556	128,726	103,069
97	59,409	25,905	9,869	95,183	19,589	16,803	29,459	131,575	105,670
98	60,804	26,152	10,190	97,146	20,171	17,107	30,361	134,424	108,271
99	61,227	26,359	10,209	97,794	20,901	17,410	31,110	136,106	109,747
2000	61,650	25,420	10,227	97,297	21,631	17,714	31,858	136,642	111,222
2001	62,590	25,651	10,571	98,812	22,688	17,986	33,259	139,486	113,835
2002	63,617	26,067	10,938	100,622	23,746	18,257	34,684	142,625	116,558
2003	64,686	26,110	11,315	102,111	24,803	18,529	36,118	145,443	119,333

HS.13.C HS.13.A HS.13.M HS.13 HS.12.M HS.14.H
HS.CEA HS.AMP HS.12 HS.HEA HS.MEA
HS.14

PRIMARY HOUSING UNITS includes all housing units within the utility service territory except second homes.
Vacant units and units without utility service are included; housing units on military bases are excluded.

Kenai Peninsula Borough excludes Seward census subarea.
Matanuska Susitna Borough includes MEA service area only.
Chugach territory includes housing units within the Anchorage Municipality only.